

1 UNITED STATES BANKRUPTCY COURT
2 NORTHERN DISTRICT OF CALIFORNIA
3 SAN FRANCISCO DIVISION
4

5 In re:	Bankruptcy Case
6 PG&E CORPORATION,	No. 19-30088 (DM)
7 - and -	
8 PACIFIC GAS AND ELECTRIC	Chapter 11
9 COMPANY,	(Lead Case)
10 Debtors.	(Jointly Administered)

11
12 **CERTIFICATE OF SERVICE**
13

14 I, Victor Wong, do declare and state as follows:

15 1. I am employed by Kroll Restructuring Administration LLC (“*Kroll*”)¹, the claims and
16 noticing agent for the Debtors in the above-referenced chapter 11 bankruptcy cases.

17
18 2. On March 25, 2024, at my direction and under my supervision, employees of Kroll
19 caused the following documents to be served by the method set forth on the Master Service List
20 attached hereto as **Exhibit A**:

- 21 • Reorganized Debtors’ Report on Responses to Twenty-Ninth Securities Claims
22 Omnibus Objection (Insufficient Substantive Allegations Claims) and Request for
23 Order by Default [Docket No. 14367] (the “*Report on Responses to Twenty-Ninth
Securities Claims Omnibus Objection*”)
- 24 • Reorganized Debtors’ Report on Responses to Thirtieth Securities Claims Omnibus
25 Objection (Insufficient Substantive Allegations and Noteholder Securities Claims) and
26 Request for Order by Default [Docket No. 14368] (the “*Report on Responses to
Thirtieth Securities Claims Omnibus Objection*”)

27
28 _____
¹ Effective March 29, 2022, Prime Clerk LLC changed its name to Kroll Restructuring Administration LLC.

- Reorganized Debtors' Report on Responses to Thirty-First Securities Claims Omnibus Objection (Insufficient Substantive Allegations and Securities ADR No Liability Claims) and Request for Order by Default [Docket No. 14369] (the "***Report on Responses to Thirty-First Securities Claims Omnibus Objection***")
- Reorganized Debtors' Report on Responses to Thirty-Second Securities Claims Omnibus Objection (Insufficient Substantive Allegations and Voluntary Release Claims) and Request for Order by Default [Docket No. 14370] (the "***Report on Responses to Thirty-Second Securities Claims Omnibus Objection***")
- Reorganized Debtors' Report on Responses to Thirty-Sixth Securities Claims Omnibus Objection (Insufficient Substantive Allegations Claims) and Request for Order by Default [Docket No. 14371] (the "***Report on Responses to Thirty-Sixth Securities Claims Omnibus Objection***")
- Reorganized Debtors' Report on Responses to Thirty-Seventh Securities Claims Omnibus Objection (Insufficient Substantive Allegations Claims) and Request for Order by Default [Docket No. 14372] (the "***Report on Responses to Thirty-Seventh Securities Claims Omnibus Objection***")
- Order Disallowing and Expunging Proofs of Claim Pursuant to Reorganized Debtors' Twenty-Ninth Securities Claims Omnibus Objection (Insufficient Substantive Allegations Claims) [Docket No. 14373] (the "***Twenty-Ninth Securities Claims Omnibus Objection Order***")
- Order Disallowing and Expunging Proofs of Claim Pursuant to Reorganized Debtors' Thirtieth Securities Claims Omnibus Objection (Insufficient Substantive Allegations and Noteholder Securities Claims) [Docket No. 14374] (the "***Thirtieth Securities Claims Omnibus Objection Order***")
- Order Disallowing and Expunging Proofs of Claim Pursuant to Reorganized Debtors' Thirty-First Securities Claims Omnibus Objection (Insufficient Substantive Allegations and Securities ADR No Liability Claims) [Docket No. 14375] (the "***Thirty-First Securities Claims Omnibus Objection Order***")
- Order Disallowing and Expunging Proofs of Claim Pursuant to Reorganized Debtors' Thirty-Second Securities Claims Omnibus Objection (Insufficient Substantive Allegations and Voluntary Release Claims) [Docket No. 14376] (the "***Thirty-Second Securities Claims Omnibus Objection Order***")
- Order Disallowing and Expunging Proofs of Claim Pursuant to Reorganized Debtors' Thirty-Sixth Securities Claims Omnibus Objection (Insufficient Substantive Allegations Claims) [Docket No. 14377] (the "***Thirty-Sixth Securities Claims Omnibus Objection Order***")
- Order Disallowing and Expunging Proofs of Claim Pursuant to Reorganized Debtors' Thirty-Seventh Securities Claims Omnibus Objection (Insufficient Substantive

Allegations Claims) [Docket No. 14378] (the “*Thirty-Seventh Securities Claims Omnibus Objection Order*”)

- Notice of Cancellation of March 26, 2024, Omnibus Hearing [Docket No. 14379]

3. On March 25, 2024, at my direction and under my supervision, employees of Kroll caused the Report on Responses to Twenty-Ninth Securities Claims Omnibus Objection and the Twenty-Ninth Securities Claims Omnibus Objection Order to be served by the method set forth on the Twenty-Ninth Omnibus Service List attached hereto as **Exhibit B.**

4. On March 25, 2024, at my direction and under my supervision, employees of Kroll caused the Report on Responses to Thirtieth Securities Claims Omnibus Objection and the Thirtieth Securities Claims Omnibus Objection Order to be served by the method set forth on the Thirtieth Omnibus Service List attached hereto as **Exhibit C.**

5. On March 25, 2024, at my direction and under my supervision, employees of Kroll caused the Report on Responses to Thirty-First Securities Claims Omnibus Objection and the Thirty-First Securities Claims Omnibus Objection Order to be served by the method set forth on the Thirty-First Omnibus Service List attached hereto as **Exhibit D.**

6. On March 25, 2024, at my direction and under my supervision, employees of Kroll caused the Report on Responses to Thirty-Second Securities Claims Omnibus Objection and the Thirty-Second Securities Claims Omnibus Objection Order to be served by the method set forth on the Thirty-Second Omnibus Service List attached hereto as **Exhibit E.**

7. On March 25, 2024, at my direction and under my supervision, employees of Kroll caused the Report on Responses to Thirty-Sixth Securities Claims Omnibus Objection and the Thirty-Sixth Securities Claims Omnibus Objection Order to be served by the method set forth on the Thirty-Sixth Omnibus Service List attached hereto as **Exhibit F.**

8. On March 25, 2024, at my direction and under my supervision, employees of Kroll caused the Report on Responses to Thirty-Seventh Securities Claims Omnibus Objection and the Thirty-Seventh Securities Claims Omnibus Objection Order to be served by the method set forth on the Thirty- Seventh Omnibus Service List attached hereto as **Exhibit G.**

1 9. I declare under penalty of perjury under the laws of the United States of America, that
2 the foregoing is true and correct and that if called upon as a witness, I could and would competently
3 testify thereto.

4
5 Executed this 11th day of April 2024, at New York, NY.

6
7
8 /s/ Victor Wong
9 Victor Wong
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28

Exhibit A

Exhibit A
Master Service List
Served as set forth below

DESCRIPTION	NAME	ADDRESS	EMAIL	METHOD OF SERVICE
Counsel to ADVENTIST HEALTHSYSTEM/WEST, a California non-profit religious corporation	Adventist Health System/West	ATTN: ROBERT L. LAYTON ONE Adventist Health Way Roseville CA 95661	laytonrl@ah.org	Email
Counsel to TRANSWESTERN PIPELINE COMPANY, LLC	Akerman LLP	Attn: YELENA ARCHIYAN 2001 Ross Avenue, Suite 3600 Dallas TX 75201		First Class Mail
Counsel to the Ad Hoc Committee of Senior Unsecured Noteholders of Pacific Gas and Electric Company	Akin Gump Strauss Hauer & Feld LLP	Attn: Michael S. Stamer, Ira S. Dizengoff, David H. Botter One Bryant Park New York NY 10036	mstamer@akingump.com idizengoff@akingump.com	Email
Counsel for BOKF, NA, solely in its capacity as Indenture Trustee	Arent Fox LLP	Attn: Andrew I. Silfen, Beth M. Brownstein 1301 Avenue of the Americas 42nd Floor New York NY 10019	Beth.Brownstein@arentfox.com	Email
Counsel for Genesys Telecommunications Laboratories Inc.	Arent Fox LLP	Attn: Andy S. Kong and Christopher K.S. Wong 555 West Fifth Street 48th Floor Los Angeles CA 90013-1065	andy.kong@arentfox.com	Email
Counsel for BOKF, NA, solely in its capacity as Indenture Trustee	Arent Fox LLP	Attn: Aram Ordubegian 555 West Fifth Street 48th Floor Los Angeles CA 90013-1065	Aram.Ordubegian@arentfox.com	Email
Counsel for AT&T	Arnold & Porter Kaye Scholer LLP	Attn: Brian Lohan, Esq. 250 West 55th Street New York NY 10019	brian.lohan@arnoldporter.com	Email
Counsel for AT&T	AT&T	Attn: James W. Grudus, Esq. One AT&T Way, Room 3A115 Bedminster NJ 07921	Jg5786@att.com	Email
Counsel for the City of Santa Cruz	Atchison, Barisone & Condotti	Attn: Alexander Geise PO Box 481 Santa Cruz CA 95061	ageise@abc-law.com	Email
Counsel to California State Agencies	Attorney General of California	Attn: XAVIER BECERRA, DANETTE VALDEZ, and ANNADEL ALMENDRAS 455 Golden Gate Avenue Suite 11000 San Francisco CA 94102-7004	Danette.Valdez@doj.ca.gov	Email
Counsel to California State Agencies	Attorney General of California	Attn: XAVIER BECERRA, MARGARITA PADILLA, and JAMES POTTER 1515 Clay Street, 20th Floor P.O. Box 70550 Oakland CA 94612-0550	James.Potter@doj.ca.gov	Email
Counsel to California State Agencies	Attorney General of California	Attn: XAVIER BECERRA, MARGARITA PADILLA, and JAMES POTTER 300 South Spring Street Suite 1702 Los Angeles CA 90013	James.Potter@doj.ca.gov	Email
Special Bankruptcy Counsel for Certain Fire Damage Plaintiffs Claimants	Bailey And Romero Law Firm	Attn: MARTHA E. ROMERO 12518 Beverly Boulevard Whittier CA 90601	marthaeromerolaw@gmail.com	Email

Exhibit A
Master Service List
Served as set forth below

DESCRIPTION	NAME	ADDRESS	EMAIL	METHOD OF SERVICE
Counsel for Black & Veatch Construction, Inc.	Baker Botts L.L.P.	Attn: Jonathan Shapiro 101 California Street, Suite 3600 San Francisco CA 94111	jonathan.shapiro@bakerbotts.com	Email
Counsel for Phillips and Jordan	Baker, Donelson, Bearman, Caldwell & Berkowitz, Pc	Attn: John H. Rowland 211 Commerce Street Suite 800 Nashville TN 37201	jrowland@bakerdonelson.com	Email
URENCO Limited and Louisiana Energy Services, LLC	Ballard Spahr LLP	Attn: Matthew G. Summers 919 North Market Street 11th Floor Wilmington DE 19801	summersm@ballardspahr.com	Email
Counsel to Campos EPC, LLC	Ballard Spahr LLP	Attn: Theodore J. Hartl, Esq. 1225 17th Street Suite 2300 Denver CO 80202	hartlt@ballardspahr.com	Email
Counsel for Bank of America, N.A.	Bank of America	Attn: John McCusker Mail Code: NY1-100-21-01 One Bryant Park New York NY 10036		First Class Mail
Counsel for Public Entities Impacted by the Wildfires	Baron & Budd, P.C.	Attn: Scott Summy, John Fiske 3102 Oak Lawn Avenue #1100 Dallas TX 75219	ssummy@baronbudd.com jfiske@baronbudd.com	Email
Counsel for Infosys Limited, Counsel for ACRT, Inc.	Benesch, Friedlander, Coplan & Aronoff LLP	Attn: Kevin M. Capuzzi, Michael J. Barrie 222 Delaware Avenue Suite 801 Wilmington DE 19801	kcapuzzi@beneschlaw.com mbarrie@beneschlaw.com	Email
Counsel to Oklahoma Firefighters Pension and Retirement System	Berman Tabacco	Attn: Daniel E. Barenbaum 44 Montgomery Street, Suite 650 San Francisco CA 94104	dbarenbaum@bermantabacco.com	Email
Counsel to Hartford Life and Annuity Insurance Company (now known as Talcott Resolution Life Insurance Company), Hartford Total Return Bond ETF, Hartford Total Return Bond Fund, Hartford Total Return Bond HLS Fund, The Hartford Strategic Income Fund, HIMCO Duration Matched Division Ser. II, HIMCO US Aggregate Bond Index Division	Bla Schwartz PC	Attn: Irwin B. Schwartz 515 S. Flower Street, 18th Floor Los Angeles CA 90071	ischwartz@blaschwartz.com	Email
Counsel to American Construction and Supply, Inc.	Bloomfield Law Group, Inc., P.C.	Attn: Neil J. Bloomfield 901 E St., Suite 100 San Rafael CA 94901	bklargecase@njblaw.com	Email
Co-Counsel to the Ad Hoc Committee of Senior Unsecured Noteholders of Pacific Gas and Electric Company	Braunhagey & Borden LLP	Attn: J. Noah Hagey, Jeffrey M. Theodore, David H. Kwasniewski, Andrew Levine 351 California Street Tenth Floor San Francisco CA 94104	theodore@braunhagey.com kwasniewski@braunhagey.com levine@braunhagey.com	Email
Counsel for MDR Inc. (dba Accu-Bore Directional Drilling), Veteran Power, Inc.	Brothers Smith LLP	Attn: Mark V. Isola 2033 N. Main Street Suite 720 Walnut Creek CA 94596	misola@brotherssmithlaw.com	Email

Exhibit A
Master Service List
Served as set forth below

DESCRIPTION	NAME	ADDRESS	EMAIL	METHOD OF SERVICE
Counsel for Trustee and Claims Administrator	Brown Rudnick LLP	Attn: David J. Molton Seven Times Square New York NY 10036	DMolton@brownrudnick.com	Email
California Public Utilities Commission	California Public Utilities Commission	Attn: Arocles Aguilar, Geoffrey Dryvynsyde, and Candace Morey 505 Van Ness Avenue San Francisco CA 94102	candace.morey@cpuc.ca.gov	Email
Counsel for Calpine	Carlson, Calladine & Peterson, LLP	Attn: Colin C. Munro 1 Post St. Suite 500 San Francisco CA 94104	cmunro@ccplaw.com	Email
Counsel to Certain Victims from the Camp Fire and 2017 North Bay Fires, Patricia Garrison	Casey Gerry Schenk Francavilla Blatt & Penfield, LLP	Attn: David S. Casey, Jr., Jeremy Robinson, P. Camille Guerra, and James M. Davis 110 Laurel Street San Diego CA 92101	dcasey@cglaw.com jrobinson@cglaw.com camille@cglaw.com	Email
Counsel to Chevron Products Company, a division of Chevron U.S.A. Inc.	Chevron Products Company, A Division of Chevron U.S.A. Inc.	Attn: Melanie Cruz, M. Armstrong 6001 Bollinger Canyon Road T2110 San Ramon CA 94583	melaniecruz@chevron.com marmstrong@chevron.com	Email
Counsel to Liberty Mutual Insurance Company	Choate, Hall & Stewart LLP	Attn: Douglas R. Gooding Two International Place Boston MA 02110	dgooding@choate.com	Email
Counsel to Liberty Mutual Insurance Company	Choate, Hall & Stewart LLP	Attn: Johnathan D. Marshall Two International Place Boston MA 02110	jmarshall@choate.com	Email
Counsel to Solon	CKR Law, LLP	Attn: Kristine Takvoryan 1800 Century Park East, 14th Floor Los Angeles CA 90067		First Class Mail
Counsel to Amir Shahmirza	Cohen and Jacobson, LLP	Attn: Lawrence A. Jacobson 66 Bovet Road, Suite 285 San Mateo CA 94402	laj@cohenandjacobson.com	Email
Counsel to Western Electricity Coordinating Council	Cohne Kinghorn, P.C.	Attn: George Hofmann 111 East Broadway, 11th Floor Salt Lake City UT 84111	ghofmann@cohnekinghorn.com	Email
Counsel for Office of Unemployment Compensation Tax Services	Commonwealth of Pennsylvania	Department of Labor and Industry Collections Support Unit 651 Boas Street, Room 702 Harrisburg PA 17121	ra-li-ucts-bankrupt@state.pa.us	Email
Counsel for Fire Victim Creditors	Corey, Luzaich, De Ghetaldi & Riddle LLP	Attn: Dario de Ghetaldi, Amanda L. Riddle, Steven M. Berki, Sumble Manzoor 700 El Camino Real PO Box 669 Millbrae CA 94030-0669	alr@coreylaw.com smb@coreylaw.com sm@coreylaw.com	Email

Exhibit A
Master Service List
Served as set forth below

DESCRIPTION	NAME	ADDRESS	EMAIL	METHOD OF SERVICE
Individual Plaintiffs Executive Committee appointed by the California Superior Court in the North Bay Fire Cases, Judicial Council Coordination Proceeding Number 4955, Pursuant to the terms of the Court's Case Management Order No. 1	Cotchett, Pitre & McCarthy, LLP	Attn: Frank M. Pitre, Alison E. Cordova San Francisco Airport Office Center 840 Malcolm Road, Suite 200 Burlingame CA 94010	fpitre@cpmlegal.com	Email
Counsel for Valley Clean Energy Alliance	County of Yolo	Attn: Eric May 625 Court Street Room 201 Woodland CA 95695	eric.may@yolocounty.org	Email
Counsel to Liberty Mutual Insurance Company	Cozen O'Connor	Attn: Joe Ziemianski 101 Montgomery Street Suite 1400 San Francisco CA 94101	JZiemianski@cozen.com	Email
Counsel for Fire Victim Creditors	Danko Meredith	Attn: Michael S. Danko, Kristine K. Meredith, Shawn R. Miller 333 Twin Dolphin Drive Suite 145 Redwood Shores CA 94065	mdanko@dankolaw.com kmeredith@dankolaw.com smiller@dankolaw.com	Email
Counsel for the agent under the Debtors' proposed debtor in possession financing facilities, Counsel for Citibank N.A., as Administrative Agent for the Utility Revolving Credit Facility	Davis Polk & Wardwell LLP	Attn: Eli J. Vonnegut, David Schiff, Timothy Graulich 450 Lexington Avenue New York NY 10017	eli.vonnegut@davispolk.com david.schiff@davispolk.com timothy.graulich@davispolk.com	Email
Creditor	Debra Grassgreen	Attn: Karl Knight 1339 Pearl Street Suite 201 Napa CA 94558	dgrassgreen@gmail.com	Email
Counsel for State Farm Mutual Automobile Insurance Company and its affiliates	Dechert LLP	Attn: Allan S. Brilliant, Shmuel Vasser, Alaina R. Heine 1095 Avenue of the Americas New York NY 10036	allan.brilliant@dechert.com shmuel.vasser@dechert.com	Email
Counsel for Capital Power Corporation and Halkirk I Wind Project LP	Dentons US LLP	Attn: Lauren Macksoud 1221 Avenue of the Americas New York NY 10020-1089	Lauren.macksoud@dentons.com	Email
Counsel for Capital Power Corporation and Halkirk I Wind Project LP	Dentons US LLP	Attn: Oscar N. Pinkas 1221 Avenue of the Americas New York NY 10020-1089		First Class Mail
Counsel for Travelers Insurance	Dentons Us LLP	Attn: Peter D. Wolfson 1221 Avenue of the Americas New York NY 10020	peter.wolfson@dentons.com	Email
Counsel for the Ad Hoc Committee of Unsecured Tort Claimant Creditors	Dla Piper LLP (Us)	Attn: Eric Goldberg and David Riley 2000 Avenue of the Stars Suite 400 North Tower Los Angeles CA 90067-4704	eric.goldberg@dlapiper.com	Email
Counsel to City of Santa Clara dba Silicon Valley Power	Duncan, Weinberg, Genzer & Pembroke, P.C.	Attn: Lisa S. Gast 1667 K Street NW, Suite 700 Washington DC 20006	lsg@dwgp.com	Email
Counsel for East Bay Community Energy Authority	East Bay Community Energy Authority	Attn: Leah S. Goldberg 1999 Harrison Street Suite 800 Oakland CA 94612		First Class Mail

Exhibit A
Master Service List
Served as set forth below

DESCRIPTION	NAME	ADDRESS	EMAIL	METHOD OF SERVICE
Counsel for survivors of the Camp Fire	Edelson Pc	Attn: Rafey S. Balabanian, Todd Logan, Brandt Silver-Korn 123 Townsend Street, Suite 100 San Francisco CA 94107	rbalabanian@edelson.com tlogan@edelson.com bsilverkorn@edelson.com	Email
Counsel for EDP Renewables North America LLC, Rising Tree Wind Farm II LLC, and Arlington Wind Power Project LLC	Edp Renewables North America LLC	Attn: Randy Sawyer 808 Travis Suite 700 Houston TX 77002		First Class Mail
Information Agent for the Official Committee of Unsecured Creditors, and the Official Committee of Tort Claimants	Epiq Corporate Restructuring, LLC	Attn: PG&E UCC and PG&E TCC 777 Third Avenue, 12th Floor New York NY 10017	sgarabato@epiqglobal.com	Email
Federal Energy Regulatory Commission	Federal Energy Regulatory Commission	Attn: General Counsel 888 First St NE Washington DC 20426		First Class Mail
Attorneys for Objector Patricia Garrison	Feinberg Fitch	Attn: Michael S. Feinberg 41911 Fifth Street, Ste. 300 Temecula CA 92590	feinberg@feinbergfitchlaw.com	Email
Counsel to California State Agencies	Felderstein Fitzgerald Willoughby & Pascuzzi LLP	Attn: STEVEN H. FELDERSTEIN and PAUL J. PASCUZZI 500 Capitol Mall, Suite 2250 Sacramento CA 95814	sfelderstein@ffwplaw.com	Email
Counsel for BOKF, NA, solely in its capacity as Indenture Trustee	Frederic Dorwart, Lawyers PLLC	Attn: Samuel S. Ory 124 East Fourth Street Tulsa OK 74103-5010	sory@fdlaw.com	Email
Counsel for Itron, Inc.	Gellert Scali Busenkell & Brown, LLC	Attn: Michael Busenkell 1201 N. Orange St. Suite 300 Wilmington DE 19801	mbusenkell@gsbblaw.com	Email
Counsel for Fire Victim Creditors	Gibbs Law Group	Attn: Eric Gibbs, Dylan Hughes 505 14th Street, Suite 1110 Oakland CA 94612	ehg@classlawgroup.com dsh@classlawgroup.com	Email
Counsel for Topaz Solar Farms LLC	Gibson, Dunn & Crutcher LLP	Attn: Michael A. Rosenthal 200 Park Avenue New York NY 10166-0193	Mrosenthal@gibsondunn.com	Email
Counsel to the Ad Hoc Committee of Holders of Trade Claims	Gibson, Dunn & Crutcher LLP	Attn: Michael S. Neumeister and Michelle Choi 333 South Grand Avenue Los Angeles CA 90071-3197	mchoi@gibsondunn.com	Email
Counsel to Black & Veatch Construction, Inc.	Goodwin Procter LLP	Attn: Jonathan A. Shapiro Three Embarcadero Center, Suite 2800 San Francisco CA 94111	JShapiro@goodwinlaw.com	Email
Counsel for MassMutual Life Insurance Company and Its Funds	Goodwin Procter LLP	Attn: Kizzy L. Jarashow, Stacy Dasaro 620 Eighth Avenue New York NY 10018	sdasaro@goodwinlaw.com	Email
Counsel for MassMutual Life Insurance Company and Its Funds	Goodwin Procter LLP	Attn: Nathan A. Schultz, Rachel M. Walsh 3 Embarcadero Center, 28th Floor San Francisco CA 94111	RWalsh@goodwinlaw.com	Email
Counsel to Interested Party John K. Trotter, Trustee of the PG&E Fire Victim Trust	Greenberg Gross LLP	Attn: Evan C. Borges 650 Town Center Drive, Suite 1700 Costa Mesa CA 92626	EBorges@GGTrialLaw.com	Email

Exhibit A
Master Service List
Served as set forth below

DESCRIPTION	NAME	ADDRESS	EMAIL	METHOD OF SERVICE
Counsel to John K. Trotter, Trustee of the PG&E Fire Victim Trust	Greenberg Gross LLP	Attn: Sarah Kelly-Kilgore, Alan A. Greenberg 601 S. Figueroa Street, 30th Floor Los Angeles CA 90017	SKellyKilgore@GGTrialLaw.com AGreenberg@GGTrialLaw.com	Email
Counsel for Cardno, Inc.	Greenberg Traurig, LLP	Attn: Diane Vuocolo 1717 Arch Street Suite 400 Philadelphia PA 19103	vuocolod@gtlaw.com	Email
Counsel for Nationwide Entities	Grotefeld Hoffmann	Attn: Mark S. Grotefeld, Maura Walsh Ochoa, Waylon J. Pickett 700 Larkspur Landing Circle, Suite 280 Larkspur CA 94939	mgrotefeld@ghlaw-llp.com mochoa@ghlaw-llp.com wpickett@ghlaw-llp.com	Email
Counsel to KAREN ROBERDS and ANITA FREEMAN	Hallisey And Johnson PC	Attn: Jeremiah F. Hallisay, Esq. 465 California St., Ste. 405 San Francisco CA 94104	jfhallisey@gmail.com	Email
Attorneys for Certain Kincade (2019) claimants	Hansen&Miller Law Firm	Attn: Roy E. Miller 415 Russell Ave. Santa Rosa CA 95403	roy@hansenmiller.com	Email
Counsel to Trustee and Claims Administrator for the Fire Victim Trust	Hanson Bridgett LLP	Attn: Linda E. Klamm 1676 No. California Blvd. Suite 620 Walnut Creek CA 94596	lklamm@hansonbridgett.com	Email
Co-Counsel to Debtor	Hanson Bridgett LLP	Attn: Shannon M. Nessler, Madison D. DiZinno 425 Market Street 26th Floor San Francisco CA 94105		Email
Counsel to Anthony Gantner	Hausfeld LLP	Attn: Bonny E. Sweeney, Seth R. Gassman 600 Montgomery Street, Suite 3200 San Francisco CA 94111	bsweeney@hausfeld.com sgassman@hausfeld.com	Email
Counsel to Pacific Investment Management Company LLC	Hogan Lovells US LLP	Attn: David P. Simonds, Edward J. McNeilly 1999 Avenue of the Stars Suite 1400 Los Angeles CA 90067	david.simonds@hoganlovells.com edward.mcneilly@hoganlovells.com	Email
Counsel to Pacific Investment Management Company LLC	Hogan Lovells US LLP	Attn: Michael C. Hefter, Matthew Ducharme 390 Madison Avenue New York NY 10017	michael.hefter@hoganlovells.com matthew.ducharme@hoganlovells.com	Email
Counsel for Deutsche Bank Trust Company Americas and Deutsche Bank National Trust Company as Indenture Trustees for certain bondholders	Holland & Knight LLP	Attn: Robert J. Labate, David I. Holtzman 50 California Street Suite 2800 San Francisco CA 94111	robert.labate@hklaw.com	Email
Counsel to Hyundai Corporation USA	Hughes Hubbard & Reed LLP	Attn: Kathryn A. Coleman One Battery Park Plaza New York NY 10004	katie.coleman@hugheshubbard.com	Email
Counsel for DTE Stockton, LLC, Mt. Poso Cogeneration Company, LLC f/k/a Mt. Poso Cogeneration Company, L.P., Potrero Hills Energy Producers, LLC, Sunshine Gas Producers, LLC, Woodland Biomass Power, LLC f/k/a Woodland Biomass Power, Ltd.	Hunton Andrews Kurth LLP	Attn: Peter S. Partee, Sr. 200 Park Avenue 53rd Floor New York NY 10166	ppartee@huntonak.com	Email

Exhibit A
Master Service List
Served as set forth below

DESCRIPTION	NAME	ADDRESS	EMAIL	METHOD OF SERVICE
Counsel to International Business Machines Corp	IBM Corporation	Attn: Marie-Josée Dube 275 Viger East Montreal QC H2X 3R7 Canada		First Class Mail
Internal Revenue Service	Internal Revenue Service	Centralized Insolvency Operation 1111 Pennsylvania Ave NW Washington DC 20004-2541		First Class Mail
Counsel for BlueMountain Capital Management, LLC	Irell & Manella LLP	Attn: Craig Varnen, Andrew J. Strabone 1800 Avenue of the Stars Suite 900 Los Angeles CA 90067-4276	astrabone@irell.com	Email
Counsel to Iron Mountain Information Management, LLC	Iron Mountain Information Management, LLC	Attn: Joseph Corrigan One Federal Street Boston MA 02110	Bankruptcy2@ironmountain.com	Email
Interested Party CH2M HILL Engineers, Inc.	Jacobs Engineering	Attn: Robert Albery Associate General Counsel 9191 South Jamaica Street Englewood CO 80112	robert.albery@jacobs.com	Email
Counsel for Nationwide Entities	Jang & Associates, LLP	Attn: Alan J. Jang 1766 Lacassie Ave., Suite 200 Walnut Creek CA 94596	ajang@janglit.com	Email
Counsel to Sodexo, Inc.	JD Thompson Law	Attn: Judy D. Thompson, Esq. P.O. Box 33127 Charlotte NC 28233		First Class Mail
Interested Party John A. Vos A	John A. Vos	1430 Lincoln Avenue San Rafael CA 94901		First Class Mail
Counsel for Kompogas SLO LLC and Tata Consultancy Services	Kelley Drye & Warren LLP	Attn: Benjamin D. Feder 101 Park Avenue New York NY 10178	bfeder@kelleydrye.com	Email
Counsel to PricewaterhouseCoopers LLP	Kibler Fowler & Cave LLP	Attn: Michael D. Kibler, Matthew J. Cave, Kevin Kroll 11100 Santa Monica Blvd. Suite 360 Los Angeles CA 90025	mkibler@kfc.law mcave@kfc.law kkroll@kfc.law	Email
Counsel to Oldcastle Infrastructure, Inc. f/k/a Oldcastle Precast, Inc. and Affiliates	Kilpatrick Townsend & Stockton LLP	Attn: Benjamin M. Kleinman, Esq. Two Embarcadero Center, Suite 1900 San Francisco CA 94111	bkleinman@kilpatricktownsend.com	Email
Counsel for Ruby Pipeline, L.L.C.	Kinder Morgan, Inc.	Attn: Mark A. Minich Two North Nevada Colorado Springs CO 80903	Mark_Minich@kindermorgan.com	Email
Counsel for Ruby Pipeline, L.L.C.	Kinder Morgan, Inc.	Attn: Mosby Perrow 1001 Louisiana Suite 1000 Houston TX 77002		First Class Mail
Counsel for Calpine Corporation	Kirkland & Ellis LLP	Attn: Aparna Yenamandra 601 Lexington Avenue New York NY 10022	aparna.yenamandra@kirkland.com	Email
Counsel for Calpine Corporation	Kirkland & Ellis LLP	Attn: David R. Seligman, P.C. 300 North LaSalle Chicago IL 60654	david.seligman@kirkland.com	Email

Exhibit A
Master Service List
Served as set forth below

DESCRIPTION	NAME	ADDRESS	EMAIL	METHOD OF SERVICE
Counsel for the Federal Monitor	Kirkland & Ellis LLP	Attn: Marc Kieselstein, P.C. 300 North LaSalle Chicago IL 60654		First Class Mail
Counsel for Calpine Corporation	Kirkland & Ellis LLP	Attn: Mark McKane, P.C., Michael P. Esser 555 California Street San Francisco CA 94104	mark.mckane@kirkland.com	Email
Counsel for the Federal Monitor	Kirkland & Ellis LLP	Attn: Stephen E. Hessler, P.C. 601 Lexington Avenue New York NY 10022		First Class Mail
Counsel for NextEra Energy Inc. et al.	Klee, Tuchin, Bogdanoff & Stern LLP	Attn: Kenneth N. Klee, David M. Stern, Samuel M. Kidder 1999 Avenue of the Stars Thirty-Ninth Floor Los Angeles CA 90067	kklee@ktbslaw.com	Email
Counsel for PG&E Holdco Group	Kramer Levin Naftalis & Frankel LLP	Attn: Amy Caton and Megan Wasson 1177 Avenue of the Americas New York NY 10036	acaton@kramerlevin.com mwasson@kramerlevin.com	Email
Counsel to Financial Recovery Technologies LLC	KTBS Law LLP	Attn: Samuel M. Kidder 1801 Century Park East 26th Floor Los Angeles CA 90067		Email
Counsel to Public Employees Retirement Association of New Mexico	Labaton Sucharow LLP	Attn: Thomas A. Dubbs, Louis Gottlieb, Carol C. Villegas & Jeffrey A. Dubbin 140 Broadway New York NY 10005	tdubbs@labaton.com cvillegas@labaton.com jdubbin@labaton.com	Email
Counsel to County of San Luis Obispo	Lamb & Kawakami LLP	Attn: Kevin J. Lamb, Michael K. Slattery 333 South Grand Avenue Suite 4200 Los Angeles CA 90071	klamb@lkfirm.com	Email
Counsel to Dynegy Marketing and Trade, LLC	Latham & Watkins LLP	Attn: Caroline A. Reckler, Andrew M. Parlen 885 Third Avenue New York NY 10022-4834	caroline.reckler@lw.com	Email
Counsel for Crockett Cogeneration, Middle River Power, LLC, and MRP San Joaquin Energy, LLC	Latham & Watkins LLP	Attn: Christopher Harris 885 Third Avenue New York NY 10022	christopher.harris@lw.com	Email
Co-Counsel to Debtor	Latham & Watkins LLP	Attn: James E. Brandt 1271 Avenue of the Americas New York NY 10020	james.brandt@lw.com	Email
Co-Counsel to Debtor	Latham & Watkins LLP	Attn: Joshua G. Hamilton, Michael J. Reiss 10250 Constellation Blvd., Suite 1100 Los Angeles CA 90067	joshua.hamilton@lw.com michael.reiss@lw.com	Email
Unsecured Creditor	Laurie A. Deuschel	Attn: Laurie A. Deuschel 5120 Second Street Rocklin CA 95677	ldeuschel@hotmail.com	Email
Attorneys for Objector Patricia Garrison	Law Office of Angela Jae Chun	Attn: Angela Jae Chun 777 S. Highway 101, Ste. 215 Solana Beach CA 92075	ajc@chun.law	Email

Exhibit A
Master Service List
Served as set forth below

DESCRIPTION	NAME	ADDRESS	EMAIL	METHOD OF SERVICE
Counsel for Ruby Pipeline, L.L.C.	Law Office of Patricia Williams Prewitt	Attn: Patricia Williams Prewitt 10953 Vista Lake Ct. Navasota TX 77868	pwp@pattiprewittlaw.com	Email
Counsel to GER HOSPITALITY, LLC and RICHARD W. CARPENETI	Law Offices of Francis O. Scarpulla	Attn: Francis O. Scarpulla and Patrick B. Clayton 456 Montgomery Street, 17th Floor San Francisco CA 94104	pbc@scarpullalaw.com	Email
Counsel to Ruckman-Leal Creditors, Counsel to Michael Marroquin	Law Offices of Leonard K. Welsh	Attn: Leonard K. Welsh, Esq. 4550 California Avenue, Second Floor Bakersfield CA 93309	lwelsh@lkwelshlaw.com	Email
Counsel to Debra Grassgreen	Law Offices of Thomas J. Brandi	Attn: Thomas J. Brandi 345 Pine Street 3rd Floor San Francisco CA 94104	tjb@brandilaw.com	Email
Counsel to Kepco California LLC, RE Astoria LLC	Lewis Brisbois Bisgaard & Smith LLP	Attn: Lovee D. Sarenas, Scott Lee, Amy L. Goldman 633 West 5th Street, Suite 4000 Los Angeles CA 90071	Amy.Goldman@lewisbrisbois.com	Email
Counsel to Quanta Energy Services, Inc., Underground Construction Co., Inc., Mears Group, Inc., Dashiell Corporation, Quanta Technology LLC, and PAR Electrical Contractors	Locke Lord LLP	Attn: Elizabeth M. Guffy JPMorgan Chase Tower 600 Travis, Suite 2800 Houston TX 77002	eguffy@lockelord.com	Email
Counsel to Quanta Energy Services, Inc., Underground Construction Co., Inc., Mears Group, Inc., Dashiell Corporation, Quanta Technology LLC, and PAR Electrical Contractors	Locke Lord LLP	Attn: Kinga L. Wright 101 Montgomery Street, Suite 1950 San Francisco CA 94104		First Class Mail
Counsel for International Brotherhood of Electrical Workers Local Union 1245	Locke Lord LLP	Attn: W. Steven Bryant 600 Congress Street Suite 2200 Austin TX 78701	sbryant@lockelord.com	Email
Counsel to Quanta Energy Services LLC	Locke Lord LLP	Attn: Xiyi Fu 101 Montgomery Street, Suite 1950 San Francisco CA 94104		First Class Mail
Counsel for California Power Exchange Corporation	Loeb & Loeb LLP	Attn: Marc S. Cohen, Alicia Clough 10100 Santa Monica Blvd Suite 2200 Los Angeles CA 90067	mscohen@loeb.com	Email
Counsel to Public Employees Retirement Association of New Mexico	Lowenstein Sandler LLP	Attn: Michael S. Etkin, Andrew Behlmann One Lowenstein Drive Roseland NJ 070068	metkin@lowenstein.com abeblmann@lowenstein.com	Email
Interested Party	Macdonald Fernandez LLP	Attn: Iain A. Macdonald 221 Sansome Street Third Floor San Francisco CA 94104-2323	imac@macfern.com	Email
Counsel to Aegion Corporation and its subsidiary entities: Corrpro Companies, Inc., Insituform Technologies, LLC and Fibrwrap Construction Services, Inc.	Margulies Faith, LLP	ATTN: CRAIG G. MARGULIES 16030 VENTURA BOULEVARD SUTIE 470 ENCINO CA 91436	Craig@MarguliesFaithLaw.com	Email

Exhibit A
Master Service List
Served as set forth below

DESCRIPTION	NAME	ADDRESS	EMAIL	METHOD OF SERVICE
Counsel to SLF Fire Victim Claimants	Marshack Hays LLP	Attn: RICHARD A. MARSHACK, DAVID A. WOOD, LAILA MASUD 870 Roosevelt Irvine CA 92620	dwood@marshackhays.com	Email
Counsel for Ghost Ship Warehouse Plaintiffs' Executive Committee	Mary Alexander & Associates, P.C.	Attn: Mary E. Alexander 44 Montgomery Street, Suite 1303 San Francisco CA 94104	malexander@maryalexanderlaw.com	Email
Counsel to BNP Paribas	Mayer Brown LLP	Attn: Ankur Mandhanian 575 Market St. Suite 2500 San Francisco CA 94105-3670	amandhanian@mayerbrown.com	Email
Counsel to BNP Paribas	Mayer Brown LLP	Attn: Brian Trust, Joaquin C de Baca 1221 Avenue of the Americas New York NY 10020	btrust@mayerbrown.com jcdebaca@mayerbrown.com	Email
Counsel to Mesa Associates, Inc.	Maynard, Cooper & Gale	Attn: Duane Kumagai 1901 Avenue of the Stars Suite 1900 Los Angeles CA 90067		First Class Mail
Counsel for A.J. Excavation Inc.	Mccormick Barstow LLP	Attn: David L. Emerzian, H. Annie Duong Counsel for A.J. Excavation Inc. 7647 North Fresno Street Fresno CA 93720	demerzian@mccormickbarstow.com	Email
Counsel to Davey Tree Expert Company, Davey Tree Surgery Company, and Davey Resource Group, Inc.	Mcdermott Will & Emery LLP	Attn: Jeffrey M. Reisner 2049 Century Park East, Suite 3200 Los Angeles CA 90067-3206		First Class Mail
Counsel to Winners Industry Co., Ltd.	Mckool Smith, P.C.	Attn: James H. Smith One Bryant Park, 47th Floor New York NY 10036	jsmith@mckoolsmith.com	Email
Counsel for the Official Committee of Unsecured Creditors	Milbank LLP	Attn: Gregory A. Bray, Samir L. Vora 2029 Century Park East, 33rd Floor Los Angeles CA 90067	Gbray@milbank.com	Email
Counsel for the Official Committee of Unsecured Creditors	Milbank LLP	Attn: Samir L. Vora 1850 K St., N.W., Suite 1100 Washington DC 20006	svora@milbank.com	Email
Counsel for Marin Clean Energy	Mintz Levin Cohn Ferris Glovsky And Popeo, P.C.	Attn: Abigail V. O'Brien, Andrew B. Levin 2029 Century Park East Suite 3100 Los Angeles CA 90067	avobrient@mintz.com	Email
Counsel for Exponent, Inc.	Newmeyer & Dillion LLP	Attn: James J. Ficenec 1333 N. California Blvd Suite 600 Walnut Creek CA 94596	Joshua.Bevitz@ndlf.com	Email
Counsel for CALIFORNIA SELF-INSURERS' SECURITY FUND	Nixon Peabody LLP	Attn: RICHARD C. PEDONE Exchange Place 53 State Street Boston MA 02109	rpedone@nixonpeabody.com	Email

Exhibit A
Master Service List
Served as set forth below

DESCRIPTION	NAME	ADDRESS	EMAIL	METHOD OF SERVICE
Counsel for Michael Vairo, Marie Dierssen, Catherine McClure, Tonia Hanson, Deirdre Coderre, Denise Stooksberry, John Stooksberry, Bryan Sullivan, Sara Hill, Isaiah Vera, Michael Williams, Joel Batts, Annaleisa Batts, Claudia Bijstra, Andries Bijstra, Roger Martinez, Candice Seals, Gretchen Franklin, Christopher Franklin, Paul Bowen, Kelly Jones, Tami Coleman, Cecil Morris, Linda Schooling, Jennifer Makin, Barbara Cruise, Benjamin Hernandez, Irma Enriquez, Constantina Howard, Leroy Howard, Edward Delongfield, Brenda Howell, Lynda Howell, Angela Coker, Sally Thorp, Paradise Moose Lodge, Nancy Seals	Northern California Law Group, Pc	Attn: Joseph Feist 2611 Esplanade Chico CA 95973	joe@norcallawgroup.net	Email
Counsel to City of Santa Clara dba Northern California Power Agency	Northern California Power Agency	Attn: Jane Luckhardt 651 Commerce Drive Roseville CA 95678-6411	Jane.Luckhardt@ncpa.com	Email
Counsel to ADVENTIST HEALTHSYSTEM/WEST, a California non-profit religious corporation	Norton Rose Fulbright US LLP	ATTN: DAVID A. ROSENZWEIG 1301 Avenue of the Americas, Floor 2945 New York NY 10019-6022	david.rosenzweig@nortonrosefulbright.com	Email
Counsel for NextEra Energy Inc., NextEra Energy Partners, L.P.	Norton Rose Fulbright Us LLP	Attn: Howard Seife, Andrew Rosenblatt, Christy Rivera 1301 Avenue of the Americas New York NY 10019-6022	howard.seife@nortonrosefulbright.com andrew.rosenblatt@nortonrosefulbright.com christy.rivera@nortonrosefulbright.com	Email
Counsel to Department of Finance for the State of California and Governor Gavin Newsom	O'Melveny & Myers LLP	Attn: John J. Rapisardi, Nancy A. Mitchell and Daniel S. Shamah 7 Times Square New York NY 10036	jrapisardi@omm.com dshamah@omm.com	Email
Office of the California Attorney General	Office of The California Attorney General	Attn: Bankruptcy Dept P.O. Box 944255 Sacramento CA 94244-2550	bankruptcy@coag.gov	Email
Office of the United States Attorney for the Northern District of California	Office of The United States Attorney For The Northern District of California	Attn: Bankruptcy Unit Federal Courthouse 450 Golden Gate Avenue San Francisco CA 94102		First Class Mail
Office of the United States Trustee	Office of The United States Trustee	Attn: James L. Snyder, Esq. & Timothy Lafreddi, Esq., Marta E. Villacorta 450 Golden Gate Ave Suite 05-0153 San Francisco CA 94102		First Class Mail
Counsel for EDP Renewables North America LLC, Rising Tree Wind Farm II LLC, and Arlington Wind Power Project LLC	Orrick, Herrington & Sutcliffe LLP	Attn: Debra Felder 1152 15th Street, NW Washington DC 20005	dfelder@orrick.com	Email
Counsel to Centerbridge Partners, L.P.	Orrick, Herrington & Sutcliffe LLP	Attn: Douglas S. Mintz Columbia Center 1152 15th Street, N.W. Washington DC 20005-1706		First Class Mail
Counsel for EDP Renewables North America LLC, Rising Tree Wind Farm II LLC, and Arlington Wind Power Project LLC	Orrick, Herrington & Sutcliffe LLP	Attn: Lorraine McGowen 51 West 52nd Street New York NY 10019	lmcgowen@orrick.com	Email

Exhibit A
Master Service List
Served as set forth below

DESCRIPTION	NAME	ADDRESS	EMAIL	METHOD OF SERVICE
Counsel for The Baupost Group, L.L.C., as the general partner and investment manager for certain entities	Pachulski Stang Ziehl & Jones LLP	Attn: Isaac M. Pachulski, Debra I. Grassgreen, Gabriel I. Glazer, John W. Lucas One Sansome Street, 34th Floor Suite 3430 San Francisco CA 94104-4436	ipachulski@pszjlaw.com	Email
Counsel to Southwire Company LLC	Parker, Hudson, Rainer & Dobbs, LLP	Attn: Bryan E. Bates, Esq. 303 Peachtree St., NE, Suite 5300 Atlanta GA 30308	bbates@phrd.com	Email
Counsel to Southwire Company, LLC	Parker, Hudson, Rainer & Dobbs, LLP	Attn: Bryan E. Bates, Esq. 303 Peachtree Street, Suite 3600 Atlanta GA 30308	bbates@phrd.com	Email
Counsel to California Public Utilities Commission	Paul, Weiss, Rifkind, Wharton & Garrison LLP	Attn: Alan W. Kornberg, Brian S. Hermann, Sean A. Mitchell, Neal P. Donnelly 1285 Avenue of the Americas New York NY 10019-6064	bhermann@paulweiss.com smitchell@paulweiss.com	Email
Attorney for Certain Camp Fire Claimants and as Ad Hoc Counsel for Camp Fire Real Property Owners	Peluso Law Group, Pc	Attn: Larry A. Peluso P.O. Box 7620 Incline Village NV 89450	firm@pelusolaw.net	Email
Counsel to Consolidated Edison Development, Inc.	Pillsbury Winthrop Shaw Pittman LLP	ATTN: HUGH M. MCDONALD 31 West 52nd Street New York NY 10019-6131	hugh.mcdonald@pillsburylaw.com	Email
Counsel to Consolidated Edison Development, Inc.	Pillsbury Winthrop Shaw Pittman LLP	ATTN: JONATHAN DOOLITTLE Four Embarcadero Center, 22nd Floor San Francisco CA 94111-5998	jonathan.doolittle@pillsburylaw.com	Email
Counsel for Bank of America, N.A.	Pillsbury Winthrop Shaw Pittman LLP	Attn: Leo T. Crowley 1540 Broadway New York NY 10036	leo.crowley@pillsburylaw.com	Email
Interested Party Placer County Office of the Treasurer-Tax Collector	Placer County Office of the Treasurer-Tax Collector	Attn: Robert Kanngiesser 2976 Richardson Drive Auburn CA 95603		First Class Mail
Counsel to Whitebox Multi-Strategy Partners, LP, Whitebox GT Fund, LP, Pandora Select Partners, LP and Whitebox CAJA Blanca Fund, LP	Polsinelli LLP	Attn: Tanya Behnam 2049 Century Park East Suite 2900 Los Angeles CA 90067	tbehnam@polsinelli.com	Email
Counsel for Ad Hoc Group of Institutional Par Bondholders of Pacific Gas and Electric Co.	Proskauer Rose LLP	Attn: Martin J. Bienenstock, Brian S. Rosen, Maja Zerjal Eleven Times Square New York NY 10036-8299	mbienenstock@proskauer.com brosen@proskauer.com mzerjal@proskauer.com	Email
Counsel for Ad Hoc Group of Institutional Par Bondholders of Pacific Gas and Electric Co.	Proskauer Rose LLP	Attn: Michael A. Firestein, Lary Alan Rappaport, Steve Y. Ma 2029 Century Park East Suite 2400 Los Angeles CA 90067-3010	mfirestein@proskauer.com sma@proskauer.com	Email
Counsel to Canyon Capital Advisors LLC	Quinn Emanuel Urquhart & Sullivan, LLP	Attn: Bennett Murphy 865 South Figueroa Street 10th Floor Los Angeles CA 90017-2543	bennettmurphy@quinnemanuel.com	Email

Exhibit A
Master Service List
Served as set forth below

DESCRIPTION	NAME	ADDRESS	EMAIL	METHOD OF SERVICE
Counsel for Nevada Irrigation District, Lodi Gas Storage, L.L.P., Wild Goose, LLC	Reed Smith LLP	Attn: Monique B. Howery 10 S. Wacker Drive 40th Floor Chicago IL 60606		First Class Mail
Counsel for Bank of New York Mellon	Reed Smith LLP	Attn: Robert P. Simons 225 Fifth Avenue Suite 1200 Pittsburgh PA 15222		First Class Mail
Counsel for Matthew E. Gerspacher and Abigail N. Gerspacher (Davis)	Reimer Law, PC	Attn: Nicole B. Reimer 313 Walnut Street Ste 120 Chico CA 95973	nbreimer.esq@gmail.com	Email
Counsel to Richards Law Firm Claimants	Richards Law Firm	Attn: John T. Richards, Evan Willis 101 W. Broadway Suite 1950 San Diego CA 92101	john@jtrlaw1.com evan@jtrlaw1.com	Email
Individual Plaintiffs Executive Committee appointed by the California Superior Court in the North Bay Fire Cases, Judicial Council Coordination Proceeding Number 4955, Pursuant to the terms of the Court's Case Management Order No. 1	Robins Cloud LLP	Attn: Bill Robins, III, Robert Bryson 650 California Street Site 450 Santa Monica CA 90401	robins@robinscloud.com rbryson@robinscloud.com	Email
Counsel to Ruckman-Leal Creditors, Counsel to Michael Marroquin	Rodriguez & Associates	Attn: Joseph Whittington, Esq. and Daniel Turek, Esq. 1128 Truxtun Ave Bakersfield CA 93301-4618		First Class Mail
Counsel to Various Rescission and Damage Claimants	Rolnick Kramer Sadighi LLP	Attn: Richard A. Bodnar 1251 Avenue of the Americas New York NY 10020	rbodnar@rksllp.com	Email
Counsel to CREATIVE CEILINGS, INC.	Ropers, Majeski, Kohn & Bentley	Attn: STEVEN G. POLARD 445 South Figueroa Street, Suite 3000 Los Angeles CA 90071	steven.polard@rmkb.com	Email
Counsel for ELLIOTT MANAGEMENT CORPORATION, on behalf of itself and certain funds and accounts managed, advised, or sub-advised by it	Ropes & Gray LLP	Attn: Hannah Boyaggi 1211 Avenue of the Americas New York NY 10036-8704	gregg.galardi@ropesgray.com hannah.boyaggi@ropesgray.com daniel.egan@ropesgray.com	Email
Counsel for ELLIOTT MANAGEMENT CORPORATION, on behalf of itself and certain funds and accounts managed, advised, or sub-advised by it	Ropes & Gray LLP	Attn: Matthew L. McGinnis Prudential Tower, 800 Boylston Street Boston MA 02199-3600	matthew.mcginnis@ropesgray.com	Email
Counsel for The Baupost Group L.L.C., as the managing general partner and/or investment manager for certain entities	Ropes & Gray LLP	Attn: Matthew M. Roose, Mark I. Bane 1211 Avenue of the Americas New York NY 10036-8704	mark.bane@ropesgray.com matthew.roose@ropesgray.com	Email
Counsel for The Baupost Group L.L.C., as the managing general partner and/or investment manager for certain entities	Ropes & Gray LLP	Attn: Peter L. Welsh & Patricia I. Chen Prudential Tower 800 Boylston Street Boston MA 02199-3600	peter.welsh@ropesgray.com patricia.chen@ropesgray.com	Email
Counsel for ARB, INC.	Rutan & Tucker, LLP	Attn: Roger F. Friedman, Philip J. Blanchard 611 Anton Boulevard Suite 1400 Costa Mesa CA 92626-1931	pblanchard@rutan.com	Email

Exhibit A
Master Service List
Served as set forth below

DESCRIPTION	NAME	ADDRESS	EMAIL	METHOD OF SERVICE
Counsel for Sonoma County Treasurer & Tax Collector, Counsel for the County of Placer	Salvato Boufadel LLP	Attn: Barry S. Glaser 355 South Grand Avenue Suite 2450 Los Angeles CA 90071-9500		First Class Mail
Counsel for for City and County of San Francisco, including all of its agencies, departments, or instrumentalities	San Francisco City Attorney'S Office	Attn: Owen Clements 1390 Market Street 7th Floor San Francisco CA 94102		First Class Mail
Counsel for International Business Machines Corp.	Satterlee Stephens LLP	Attn: Christopher R. Belmonte, Esq., Pamela A. Bosswick, Esq. 230 Park Avenue New York NY 10169	cbelmonte@ssbb.com	Email
Counsel for SBA Steel II, LLC	Saul Ewing Arnstein & Lehr LLP	Attn: Barry A. Chatz 161 N. Clark Street, Suite 4200 Chicago IL 60601	barry.chatz@saul.com	Email
Counsel for SBA Steel II, LLC	Saul Ewing Arnstein & Lehr LLP	Attn: Lucian B. Murley 1201 North Market Street, Suite 2300 Wilmington DE 19801	luke.murley@saul.com	Email
COUNSEL TO MARIE VALENZA, BRANDEE GOODRICH, KRISTAL DAVIS-BOLIN, ASHLEY DUITSMAN, BARBARA MORRIS, MARY HAINES	Savage, Lamb & Lunde, PC	ATTN: E. RYAN LAMB 1550 Humboldt Road, Suite 4 CHICO CA 95928	erlamblaw@gmail.com	Email
Counsel to Agua Caliente Solar, LLC, Clearway Energy Group LLC, Clearway Energy, Inc., MC Shiloh IV Holdings LLC, NRG Energy, Inc., Solar Partners II LLC, Solar Partners VIII LLC, and TerraForm Power, Inc.	Shearman & Sterling LLP	Attn: Daniel Laguardia 535 Mission Street 25th Floor San Francisco CA 94105	daniel.laguardia@shearman.com	Email
Counsel for East Bay Community Energy Authority	Shemanolaw	Attn: David B. Shemano 1801 Century Park East Suite 1600 Los Angeles CA 90067	dshemano@shemanolaw.com	Email
Counsel for PG&E Holdco Group	Sheppard, Mullin, Richter & Hampton LLP	Attn: ORI KATZ, MICHAEL M. LAUTER, and SHADI FARZAN Four Embarcadero Center, 17th Floor San Francisco CA 94111-4109	sfarzan@sheppardmullin.com	Email
Attorneys for Cushman & Wakefield, Inc.	Shulman Hodges & Bastian LLP	Attn: Leonard M. Shulman, Melissa Davis Lowe 100 Spectrum Center Drive Suite 600 Irvine CA 92618	mlowe@shblp.com	Email
Counsel to the Board of PG&E Corporation and Pacific Gas and Electric Company and Certain Current and Former Independent Directors	Simpson Thacher & Bartlett LLP	Attn: Michael H. Torkin, Nicholas Goldin, Kathrine A. McLendon, Jamie J. Fell 425 Lexington Avenue New York NY 10017	michael.torkin@stblaw.com ngoldin@stblaw.com kmclendon@stblaw.com jamie.fell@stblaw.com	Email
Counsel to the Ad Hoc Committee of Unsecured Tort Claimant Creditors and the Singleton Law Firm Fire Victim Claimants	Singleton Law Firm, APC	Attn: Gerald Singleton & John C. Lemon 450 A Street, 5th Floor San Diego CA 92101		First Class Mail
Counsel to Righetti Ranch, LP and Righetti NC, LLC	Solomon Ward Seidenwurm & Smith, LLP	Attn: Michael D. Breslauer 401 B Street, Suite 1200 San Diego CA 92101	mbreslauer@swsslaw.com	Email

Exhibit A
Master Service List
Served as set forth below

DESCRIPTION	NAME	ADDRESS	EMAIL	METHOD OF SERVICE
Counsel for Southern California Edison Company	Southern California Edison Company	Attn: Julia A. Mosel, Patricia A. Cirucci 2244 Walnut Grove Avenue 3rd Floor Rosemead CA 91770	Julia.Mosel@sce.com patricia.cirucci@sce.com	Email
Counsel to Various Rescission and Damage Claimants	ST. JAMES LAW, P.C.	Attn: Michael St. James 22 Battery Street Suite 810 San Francisco CA 94111	Ecf@stjames-law.com michael@stjames-law.com	Email
Attorney for California Department of Industrial Relations Office of Self-Insured Plans	State of California, Department of Industrial Relations	Attn: Pamela Allen 1515 Clay Street, 17th Floor Oakland CA 94612		First Class Mail
Counsel to Davey Tree Expert Company, Davey Tree Surgery Company, and Davey Resource Group, Inc.	Steptoe & Johnson LLP	Attn: Jeffrey M. Reisner & Kerri A. Lyman 633 West Fifth Street, Suite 1900 Los Angeles CA 90071	jreisner@steptoe.com klyman@steptoe.com	First Class Mail and Email
Individual 2015 Butte Fire Victim Creditor	Steve Christopher	PO Box 281 Altaville CA 95221	sc2104271@gmail.com	Email
Counsel to Allianz Global Corporate & Specialty	Stevens & Lee, P.C.	Attn: Constantine D. Pourakis 485 Madison Avenue 20th Floor New York NY 10022	cp@stevenslee.com	Email
Counsel to Allianz Global Corporate & Specialty	Stevens & Lee, P.C.	Attn: Leonard P. Goldberger 620 Freedom Business Center Suite 200 King of Prussia PA 19406	lpg@stevenslee.com	Email
Counsel to Vanguard Institutional Short-Term Bond Fund and Vanguard Ultra-Short-Term Bond Fund	Stradley Ronon Stevens & Young, LLP	Attn: Marissa Parker & Julie M. Murphy 2005 Market Street, Suite 2600 Philadelphia PA 19103	mparker@stradley.com jmmurphy@stradley.com	Email
Counsel to South San Joaquin Irrigation District	Stradling Yocca Carlson & Rauth, P.C.	ATTN: PAUL R GLASSMAN 100 Wilshire Boulevard, 4th Floor Santa Monica CA 90401	pglassman@sycr.com	Email
Counsel for Mizuho Bank, Ltd.	Stroock & Stroock & Lavan LLP	Attn: David W. Moon 2029 Century Park East Los Angeles CA 90067-3086	dmoon@stroock.com	Email
Counsel for JPMorgan Chase Bank, N.A., as DIP Administrative Agent	Stroock & Stroock & Lavan LLP	Attn: Frank A. Merola 2029 Century Park East Los Angeles CA 90067-3086	fmerola@stroock.com	Email
Counsel for JPMorgan Chase Bank, N.A., as DIP Administrative Agent	Stroock & Stroock & Lavan LLP	Attn: Kristopher M. Hansen, Erez E. Gilad, Matthew G. Garofalo 180 Maiden Lane New York NY 10038-4982	khansen@stroock.com egilad@stroock.com mgarofalo@stroock.com khansen@stroock.com egilad@stroock.com mgarofalo@stroock.com	Email
Counsel for Mizuho Bank, Ltd.	Stroock & Stroock & Lavan LLP	Attn: Mark A. Speiser, Kenneth Pasquale, Sherry J. Millman, Harold A. Olsen 180 Maiden Lane New York NY 10038-4982	holsen@stroock.com mspeiser@stroock.com kpasquale@stroock.com smillman@stroock.com	Email

Exhibit A
Master Service List
Served as set forth below

DESCRIPTION	NAME	ADDRESS	EMAIL	METHOD OF SERVICE
Counsel for Public Entities Impacted by the Wildfires	Stutzman, Bromberg, Esserman & Plifka, P.C.	Attn: Sander L. Esserman, Cliff I. Taylor 2323 Bryan Street Suite 2200 Dallas TX 5201-2689	esserman@sbep-law.com	Email
Counsel for BrightView Enterprise Solutions, LLC, Counsel for Granite Construction Incorporated, BrightView Landscape Services, Inc.	Taylor English Duma LLP	Attn: John W. Mills, III 1600 Parkwood Circle Suite 200 Atlanta GA 30339		First Class Mail
Counsel for The Davey Tree Expert Company	The Davey Tree Expert Company	Attn: Erika J. Schoenberger, General Counsel 1500 N. Mantua Street Kent OH 44240	Erika.Schoenberger@davey.com	Email
Counsel to International Church of the Foursquare Gospel	The Law Office of Joseph West	Attn: Joseph West Esq. 575 E. Locust Ave., Suite 120 Fresno CA 93720	josephwest@westlawfirmofcalifornia.com	Email
ATTORNEYS FOR ZACKARY FERNANDEZ, Individually, and as Successor in Interest to, JESUS PEDRO FERNANDEZ, Deceased	The Veen Firm, P.C.	Attn: Elinor Leary, Brian Gregory 20 Haight Street San Francisco CA 94102		First Class Mail
Counsel to Compass Lexecon, LLC	Togut, Segal & Segal LLP	Attn: Albert Togut, Kyle J. Ortiz, Amy M. Oden, Amanda C. Glaubach One Penn Plaza Suite 3335 New York NY 10119	altogut@teamtogut.com kortiz@teamtogut.com aoden@teamtogut.com aglaubach@teamtogut.com	Email
Attorneys for Objector Patricia Garrison	Tosdal Law Firm	Attn: Thomas Tosdal 777 S. Highway 101, Ste. 215 Solana Beach CA 92075	tom@tosdallaw.com	Email
Counsel for Consolidated Edison Development Inc.	Troutman Pepper Hamilton Sanders LLP	Attn: Gabriel Ozel, Jared D. Bissell 11682 El Camino Real, Suite 400 San Diego CA 92130-2092		First Class Mail
Counsel to Southern Power Company, Consolidated Edison Development, Inc.	Troutman Sanders LLP	Attn: Dean Morehous 3 Embarcadero Center Suite 800 San Francisco CA 94111	dean.morehous@troutman.com	Email
Counsel for Southern Power Company and Osmose Utilities Services, Inc.	Troutman Sanders LLP	Attn: LaShaun Jones 600 Peachtree St. NE Suite 3000 Atlanta GA 30308	LaShaun.Jones@troutman.com	Email
Counsel to IUPAT Industry Pension Fund	Tucker Arensberg, LLP	Attn: Michele R. Stafford 1098 Foster City Blvd. Suite 106 #700 Foster City CA 94404	mstafford@tuckerlaw.com	Email
Nuclear Regulatory Commission	U.S. Nuclear Regulatory Commission	Attn: General Counsel U.S. NRC Region IV 1600 E. Lamar Blvd. Arlington TX 76011		First Class Mail
Nuclear Regulatory Commission	U.S. Nuclear Regulatory Commission	Attn: General Counsel Washington DC 20555-0001		First Class Mail

Exhibit A
Master Service List
Served as set forth below

DESCRIPTION	NAME	ADDRESS	EMAIL	METHOD OF SERVICE
Interested Party	Union Pacific Railroad Company	Attn: Tonya W. Conley, Lila L. Howe 1400 Douglas Street STOP 1580 Omaha NE 68179	bankruptcynotices@up.com	Email
Unsecured Creditor Claim No. 7072	Unsecured Creditor Claim No. 7072	Attn: John Ramirez, Marta Ramirez 38006 Pueblo Road Hinkley CA 92347		First Class Mail
Unsecured Creditor Claim No. 7083	Unsecured Creditor Claim No. 7083	Attn: Aurang Zaib Khan, Halima Zahib 1969 East Cooley Ave. San Bernardino CA 92408		First Class Mail
Unsecured Creditor Claim No. 7167	Unsecured Creditor Claim No. 7167	Attn: Ken Nitao 244 S. Citrus Avenue Alhambra CA 91801		First Class Mail
Unsecured Creditor Claim No. 7168	Unsecured Creditor Claim No. 7168	Attn: Robert Miller, Donna Learmont 37241 Sycamore Street Hinkley CA 92347		First Class Mail
Unsecured Creditor Claim No. 7171	Unsecured Creditor Claim No. 7171	Attn: Shirley Holcroft, Sam Cabrera 2610 S Mariposa Rd Apache Jct AZ 85119-9252		First Class Mail
Unsecured Creditor Claim No. 7175	Unsecured Creditor Claim No. 7175	Attn: Andrea Williams, Dan S. Williams 36796 Hillview Road Hinkley CA 92347		First Class Mail
Unsecured Creditor Claim No. 7176	Unsecured Creditor Claim No. 7176	Attn: Keith Hawes P.O. Box 376 Hinkley CA 92347		First Class Mail
Unsecured Creditor Claim No. 7180	Unsecured Creditor Claim No. 7180	Attn: Oscar Urbina 3617 Slauson Ave. Maywood CA 90270		First Class Mail
Unsecured Creditor Claim No. 7183	Unsecured Creditor Claim No. 7183	Attn: Martin Garza, Lynette Brown P.O. Box 344 Hinkley CA 92347		First Class Mail
Unsecured Creditor Claim No. 7199	Unsecured Creditor Claim No. 7199	Attn: Carolyn Bolin, William Bolin 36310 Lenwood Road Hinkley CA 92347		First Class Mail
Unsecured Creditor Claim No. 7200	Unsecured Creditor Claim No. 7200	Attn: Sandra L. Brown 5432 Macedonia Church Rd Prosperity SC 29127-7389		First Class Mail
Unsecured Creditor Claim No. 7201	Unsecured Creditor Claim No. 7201	Attn: Barbara A. Vinson, Lloyd K. Vinson 3220 Cindy Circle Anderson CA 96007		First Class Mail
Unsecured Creditor Claim No. 7226	Unsecured Creditor Claim No. 7226	Attn: Rosaiba Hernandez 18284 Pacific Street Hesperia CA 92345		First Class Mail
Unsecured Creditor Claim No. 7229	Unsecured Creditor Claim No. 7229	Attn: David Matthiesen, Candace Matthiesen 36709 Hidden River Road Hinkley CA 92347		First Class Mail

Exhibit A
Master Service List
Served as set forth below

DESCRIPTION	NAME	ADDRESS	EMAIL	METHOD OF SERVICE
Unsecured Creditor Claim No. 7244	Unsecured Creditor Claim No. 7244	Attn: Agustin Carrera, Maritza Carrera 886 Gina Ct. Upland CA 91784		First Class Mail
Unsecured Creditor Claim No. 7244	Unsecured Creditor Claim No. 7244	Attn: Aquilla Frederick 20455 Halstead Road Hinkley CA 92347		First Class Mail
Unsecured Creditor Claim No. 7264	Unsecured Creditor Claim No. 7264	Attn: Darlene Herring Jenkins PO Box 512 Newberry Spgs CA 92365-0512		First Class Mail
Unsecured Creditor Claim No. 7301	Unsecured Creditor Claim No. 7301	Attn: Marina Riebeling, Adolfo Riebeling 4600 Jerry Ave. Baldwin Park CA 91706		First Class Mail
Unsecured Creditor Claim No. 7585	Unsecured Creditor Claim No. 7585	Attn: Clell Courtney, Hennie Courtney 25595 Ash Road Barstow CA 92311		First Class Mail
Unsecured Creditor Claim No. 7591	Unsecured Creditor Claim No. 7591	Attn: Cindy Sue Downing P.O. Box 36 Hinkley CA 92347-0036		First Class Mail
Unsecured Creditor Claim No. 7657	Unsecured Creditor Claim No. 7657	Attn: Joel A. Christison PO Box 2635 Big River CA 92242-2635		First Class Mail
Unsecured Creditor Claim No. 7704	Unsecured Creditor Claim No. 7704	Attn: Nick Panchev 25633 Anderson Avenue Barstow CA 92311		First Class Mail
Unsecured Creditor Claim No. 8273	Unsecured Creditor Claim No. 8273	Attn: Charles Matthiesen, Matsue Matthiesen 36771 Hidden River Rd. Hinkley CA 92347		First Class Mail
Unsecured Creditor Claim No. 8274	Unsecured Creditor Claim No. 8274	Attn: Juliana Martinez, Manuel Martinez 36633 Hidden River Road Hinkley CA 92347		First Class Mail
Unsecured Creditor Claim No. 8274	Unsecured Creditor Claim No. 8274	Attn: Norman Halstead 20455 Halstead Road Hinkley CA 92347		First Class Mail
Unsecured Creditor Claim No. 8278	Unsecured Creditor Claim No. 8278	Attn: Kimberly Blowney 36816 Hillview Road Hinkley CA 92347		First Class Mail
Unsecured Creditor Claim No. 8283	Unsecured Creditor Claim No. 8283	Attn: Saray Ordaz, Victor Suarez 1042 E. Sandison St. Apt. 1 Wilmington CA 90744		First Class Mail
Unsecured Creditor Claim No. Pending	Unsecured Creditor Claim No. Pending	Attn: Yvonne Kirkpatrick, Herbert Nethery 23394 Alcudia Rd. Hinkley CA 92347		First Class Mail
US Securities and Exchange Commission	Us Securities And Exchange Commission	Attn: Jina Choi, Regional Director San Francisco Regional Office 44 Montgomery Street, Suite 2800 San Francisco CA 94104	sanfrancisco@sec.gov	Email

Exhibit A
Master Service List
Served as set forth below

DESCRIPTION	NAME	ADDRESS	EMAIL	METHOD OF SERVICE
US Securities and Exchange Commission	Us Securities And Exchange Commission	Attn: Office of General Counsel 100 F St. NE MS 6041B Washington DC 20549	secbankruptcy@sec.gov	Email
Counsel to Public Employees Retirement Association of New Mexico	Wagstaffe, Von Loewenfeldt, Busch & Radwick, LLP	Attn: James M. Wagstaffe 100 Pine Street Suite 725 San Francisco CA 94111	wagstaffe@wvbrlaw.com busch@wvbrlaw.com	Email
Individual Plaintiffs Executive Committee appointed by the California Superior Court in the North Bay Fire Cases, Judicial Council Coordination Proceeding Number 4955, Pursuant to the terms of the Court's Case Management Order No. 1	Walkup Melodia Kelly & Schoenberger	Attn: Michael A. Kelly, Khaldoun A. Baghdadi, Max Schuver 650 California Street 26th Floor San Francisco CA 94108	mkelly@walkuplawoffice.com kbaghdadi@walkuplawoffice.com mschuver@walkuplawoffice.com	Email
Counsel for Aera Energy LLC, Midway Sunset Congeneration Company	Walter Wilhelm Law Group A Professional Corporation	Attn: Michael L. Wilhelm 205 E. River Park Circle Suite 410 Fresno CA 93720	Mwilhelm@W2LG.com	Email
Counsel for Engineers and Scientists of California, Local 20, IFPTE, Counsel for SEIU United Service Workers - West	Weinberg Roger & Rosenfeld	Attn: Emily P. Rich 1001 Marina Village Parkway Suite 200 Alameda CA 94501-1091	cgray@unioncounsel.net	Email
Counsel for Sempra Energy, San Diego Gas & Electric Company, and Southern California Gas Company	White & Case LLP	Attn: J.Christopher Shore 1221 Avenue of the Americas New York NY 10020-1095	cshore@whitecase.com	Email
Counsel for Sempra Energy, San Diego Gas & Electric Company, and Southern California Gas Company	White & Case LLP	Attn: Thomas E Lauria, Matthew C. Brown Southeast Financial Center 200 South Biscayne Boulevard, Suite 4900 Miami FL 33131-2352	tlauria@whitecase.com mbrown@whitecase.com	Email
Counsel for Ballard Marine Construction, Inc.	Williams Kastner	Attn: Todd W. Blischke 601 Union Street Suite 4100 Seattle WA 98101-2380		First Class Mail
Counsel to Subrogation Trust Advisory Board	Willkie Farr & Gallagher LLP	Attn: Alexander L. Cheney One Front Street San Francisco CA 94111	acheney@willkie.com	Email
Counsel to Subrogation Trust Advisory Board	Willkie Farr & Gallagher LLP	Attn: Benjamin P. McCallen, Daniel Forman, Charles D. Cording 787 Seventh Avenue New York NY 10019	bmccallen@willkie.com dforman@willkie.com ccording@willkie.com	Email
Counsel for Macquarie Energy LLC	Winston & Strawn LLP	Attn: Michael A. Yuffee 1901 L Street NW Washington DC 20036		First Class Mail
Counsel to Majesti Mai Bagorio, et al., creditors and plaintiffs in Bagorio, et al. v. PG&E Corporation, et al., case number CNC-19-554581	Wisner Baum LLP	Attn: Matthew P. French, Diane Marger Moore 11111 Santa Monica Boulevard Suite 1750 Los Angeles CA 90025	rgoldman@baumhedlundlaw.com	Email
Counsel to Subrogation Wildfire Trust	Young Conaway Stargatt & Taylor, LLP	Attn: Edwin J. Harron, Sara Beth A.R. Kohut Rodney Square, 1000 North King Street Wilmington DE 19801	eharron@ycst.com	Email

Exhibit A
Master Service List
Served as set forth below

DESCRIPTION	NAME	ADDRESS	EMAIL	METHOD OF SERVICE
Counsel to Santiago Gatto and Anastasia Tkai	Young Ward & Lothert, A Professional Law Corporation	Attn: Scott Ward, Esq. 995 Morning Star Dr., Suite C Sonora CA 95370-5192	info@youngwardlothert.com	Email

Exhibit B

Exhibit B
 Twenty-Ninth Omnibus Service List
 Served as set forth below

ADDRESSID	NAME	ADDRESS	EMAIL	METHOD OF SERVICE
18240228	All Country World Low Volatility Equity Fund, L.P.	525 Market Street Floor 12 San Francisco CA 94105	allspringportops-corporateactionsteam@allspring-global.com	First Class Mail and Email
4750078	Berger, Sandra	230 East 15 St. Apt 5d New York NY 10003	Email Address on File	First Class Mail and Email
9129733	Blattner Investments, Inc.	525 Market Street Floor 12 San Francisco CA 94105	AllspringPortOps-CorporateActionsTeam@allspring-global.com; johnb@blattnerenergy.com	First Class Mail and Email
9129498	Borstein Fam Tst IMA FI	525 Market Street Floor 12 San Francisco CA 94105	WellsCapPortOps-CorporateActionsTeam@wellsfargo.com	First Class Mail and Email
4675224	Carroll, Mickey M.	5021 Lin Hill Dr. Swartz Creek MI 48473	Email Address on File	Email
4674946	Carroll, Mickey M.	5021 Lin Hill Dr Swartz Creek MI 48473	Email Address on File	First Class Mail and Email
9123938	Connecticut General Life Insurance Company	525 Market Street Floor 12 San Francisco CA 94105	AllspringPortOps-CorporateActionsTeam@allspring-global.com; Karl.Kress@Cigna.com	First Class Mail and Email
4704750	Connecticut General Life Insurance Company OBO SASV901	Attn: Maria Turner A4ACT; Keith McKenzie 900 Cottage Grove Rd. Bloomfield CT 06002	Keith.McKenzie@Cigna.com; maria.turner@cigna.com	First Class Mail and Email
4682167	Constance L. Bakken Revocable Trust	Attn: Courtney Grimsrud Abbot Downing 90 S. Seventh St. Suite 5100 Minneapolis MN 55402	Email Address on File	First Class Mail and Email
4684314	Constance L. Bakken Revocable Trust	Jeffrey Theron Bakken 2290 Abingdon Way Orono MN 55356	Email Address on File	First Class Mail and Email
4543746	COVARRUBIAS, FEDERICO P & MARIA	TR COVARRUBIAS FAMILY TRUST UA JUN 2 98 2063 ORCHARD AVE SAN LEANDRO CA 94577-3412		First Class Mail
9548380	Deutsche Bank	Chicago Clearing Corporation Attn: Brian Blockovich 404 South Wells Street, Suite 600 Chicago IL 60607	bblockovich@chicagoclearing.com	First Class Mail and Email
4447867	DOROTHY L FREEMAN TTEE	THE DOROTHY FREEMAN TR UA DTD 04 13 2006 PO BOX 1253 LA MESA CA 91944-1253	Email Address on File	First Class Mail and Email
9123870	Edward D. Smith & Barbara Chen	525 Market Street floor 12 San Francisco CA 94105	Email Address on File	First Class Mail and Email
9129742	Eric A Deutsch Trust	525 Market Street Floor 12 San Francisco CA 94105	Email Address on File	First Class Mail and Email

Exhibit B
Twenty-Ninth Omnibus Service List
Served as set forth below

ADDRESSID	NAME	ADDRESS	EMAIL	METHOD OF SERVICE
4666154	Franken, Charles	112 Hazelwood Dr Ponte Vedra FL 32081-1058	Email Address on File	First Class Mail and Email
4667664	Franken, Charles	Franken & Lacher PA 600 South Pine Island Road, 203 Plantation FL 33324		First Class Mail
7380720	Funds SA (SCAS)	SCAS Analysts 350 David L. Boren Blvd. Norman OK 73072	michael.morrissey@issgovernance.com; scasanalysts@issgovernance.com	First Class Mail and Email
4705093	HealthSpring Life & Health Insurance Company, Inc. OBO HSPTX	Attn: Maria Turner A4ACT 900 Cottage Grove Rd. Bloomfield CT 06002		First Class Mail
4705089	HealthSpring of Alabama, Inc. OBO HSPAL	Attn: Maria Turner A4ACT 900 Cottage Grove Rd. Bloomfield CT 06002	Keith.McKenzie@Cigna.com	First Class Mail and Email
4747376	Hodges, Robert T	10513 NE Kingston Poulsbo WA 98370		First Class Mail
9360927	IBM Plan Montgomery Core Fixed Income	525 Market Street Floor 12 San Francisco CA 94105	AllspringPortOps-CorporateActionsTeam@allspring- global.com; bdstewart@us.ibm.com; WellsCapPortOps- CorporateActionsTeam@wellsfargo.com	Email
9361183	IBM Plan Montgomery Core Fixed Income	525 Market Street floor 12 San Francisco CA 94105	AllspringPortOps-CorporateActionsTeam@allspring- global.com; patricia.glon@fondsdereserve.fr; WellsCapPortOps CorporateActionsTeam@wellsfargo.com	First Class Mail and Email
9549919	Independent Portfolio Consultants	Attn: Brian Blockovich 404 South Wells Street, Suite 600 Chicago IL 60607	bblockovich@chicagoclearing.com	First Class Mail and Email
4457770	IRBY, JESSICA LEA	2479 PLEASANT HILL RD PLEASANT HILL CA 94523	Email Address on File	First Class Mail and Email
4709807	Louie, Lucia	794 33rd Ave San Francisco CA 94121	Email Address on File	First Class Mail and Email
4682932	Lucent Technologies Inc. Master Pension Trust-PORTLC	BNY Mellon Attn: Quynhthi Tonnu/Jeffrey Kozik/Leif Hines 100 Colonial Center Parkway Suite 300 Lake Mary FL 32746	denise.m.taylor@pgim.com	First Class Mail and Email
4682722	Lucent Technologies Inc. Master Pension Trust-PORTLC	PGIM Inc. Attn: Denise Taylor PO Box 32339 Newark NJ 07102	pimfi.class.actions@prudential.com	First Class Mail and Email

Exhibit B
Twenty-Ninth Omnibus Service List
Served as set forth below

ADDRESSID	NAME	ADDRESS	EMAIL	METHOD OF SERVICE
22119698	Lucent Technologies Inc. Master Pension Trust-PORTLC	Rolnick Kramer Sadighi LLP c/o Richard A. Bodnar 1251 Avenue of the Americas New York NY 10020	rbodnar@rksllp.com	First Class Mail and Email
4657439	Mary Ellen Heller Marital Trust #2	PO Box 240181 Milwaukee WI 53224-9009	Email Address on File	First Class Mail and Email
4670824	McLean, Malcolm	960 Sanders St. Auburn AL 36830	Email Address on File	First Class Mail and Email
4684357	Meyer Memorial Trust	c/o Levin Easterly Partners LLC 2045 N Vancouver Ave Portland OR 97227	dekbom@ops.levineasterly.com	First Class Mail and Email
4765755	Michael Keenan Charles Schwab & Co Cust IRA Contributory	3256 7 Lakes West West End NC 27376	Email Address on File	First Class Mail and Email
4673590	Miller, Gloria	Stephen Miller 13 Viento Drive Irvine CA 92620	Email Address on File	First Class Mail and Email
4666033	Morando, James	4 Hillcrest Road Tiburon CA 94920	Email Address on File	First Class Mail and Email
4738398	MSSB C/F GREGORY H. RUTTER IRA ROLLOVER	Morgan Stanley Suite 300 300 GRANITE RUN DRIVE LANCASTER PA 17601	Email Address on File	First Class Mail and Email
9123899	Navajo Tribal Utility Authority Employee Pension - All Other	525 Market Street Floor 12 San Francisco CA 94105	AllspringPortOps-CorporateActionsTeam@allspring-global.com; tomn@ntua.com; WellsCapPortOps-CorporateActionsTeam@wellsfargo.com	First Class Mail and Email
9126248	Plumbers Local 690 Health & We	525 Market Street Floor 12 San Francisco CA 94105	AllspringPortOps-CorporateActionsTeam@allspring-global.com; Tmcnulty@plu690indfds.com; WellsCapPortOps-CorporateActionsTeam@wellsfargo.com	First Class Mail and Email
9130199	Quad Graphics Pension Plan	525 Market Street Floor 12 San Francisco CA 94105	AllspringPortOps-CorporateActionsTeam@allspring-global.com; WellsCapPortOps-CorporateActionsTeam@wellsfargo.com	First Class Mail and Email
4591261	Schooler, Robert	100 Lido Circle G4 Lakeway TX 78734	Email Address on File	First Class Mail and Email
9360658	SEI Institutional Investments Trust (SIIT)	525 Market Street floor 12 San Francisco CA 94105	Email Address on File	First Class Mail and Email
9359665	SEI Institutional Investments Trust (SIIT)	Jennifer Vraney Wells Fargo Asset Management 525 Market Street floor 12 San Francisco CA 94105	AllspringPortOps-CorporateActionsTeam@allspring-global.com; dfalkowski@seic.com; nshah@seic.com; rbamford@SEIC.com; sgoodwin@seic.com; WellsCapPortOps-CorporateActionsTeam@wellsfargo.com	First Class Mail and Email

Exhibit B
Twenty-Ninth Omnibus Service List
Served as set forth below

ADDRESSID	NAME	ADDRESS	EMAIL	METHOD OF SERVICE
9359529	SEI Institutional Managed Trust (SIMT)	525 Market Street floor 12 San Francisco CA 94105	AllspringPortOps-CorporateActionsTeam@allspring-global.com; dfalkowski@seic.com; nshah@seic.com; rbamford@SEIC.com; sgoodwin@seic.com; WellsCapPortOps-CorporateActionsTeam@wellsfargo.com	First Class Mail and Email
15600116	SEI Investments Global, Ltd (SGMF)	525 Market Street Floor 12 San Francisco CA 94105	AllspringPortOps-CorporateActionsTeam@allspring-global.com	First Class Mail and Email
16304229	SEI Investments Global, Ltd (SGMF)	1 Freedom Valley Dr. Oaks PA 19456	dfalkowski@seic.com	First Class Mail and Email
9559325	Sendero Wealth Management	Brian Blockovich Chicago Clearing Corporation 404 South Wells Street, Suite 600 Chicago IL 60607	bblockovich@chicagoclearing.com	First Class Mail and Email
9126205	Signature Insurance - NRA - Pledged	525 Market Street Floor 12 San Francisco CA 94105	AllspringPortOps-CorporateActionsTeam@allspring-global.com; jnichols@landstar.com; WellsCapPortOps-CorporateActionsTeam@wellsfargo.com	First Class Mail and Email
4741612	Silver Creek CS SAV - Nantahala	Silver Creek Capital Management Attn: George Nye 1301 5th Avenue Suite 4000 Seattle WA 98101	george@silvercreekcapital.com; operations@silvercreekcapital.com	First Class Mail and Email
4672861	Simpson Jr., Melvin	4115 Pretroia Run Murfreesboro TN 37138	Email Address on File	First Class Mail and Email
9557799	Stratton Management	Brian Blockovich Chicago Clearing Corporation 404 South Wells Street, Suite 600 Chicago IL 60607	bblockovich@chicagoclearing.com	First Class Mail and Email
22138639	Taal Master Fund LP	Choate, Hall & Stewart LLP, Attn: Jacob Lang Two International Place Boston MA 02110	jslang@choate.com	First Class Mail and Email
4670839	Taal Master Fund LP	Taal Capital Management LP 32 Derne St., #5A Boston MA 02114	LLEBOWITZ@LHLCAP.COM	First Class Mail and Email
4673281	Tennessee Consolidated Retirement System	Attn: Tennessee Department of Treasury 502 Deaderick St., 13th Floor Nashville TN 37243	Mary.Roberts-Krause@tn.gov	First Class Mail and Email
9129473	The Associates Corporation	525 Market Street Floor 12 San Francisco CA 94105	AllspringPortOps-CorporateActionsTeam@allspring-global.com; WellsCapPortOps-CorporateActionsTeam@wellsfargo.com	First Class Mail and Email

Exhibit B
 Twenty-Ninth Omnibus Service List
 Served as set forth below

ADDRESSID	NAME	ADDRESS	EMAIL	METHOD OF SERVICE
9129500	Western Union Financial Services - RMO	525 Market Street Floor 12 San Francisco CA 94105	AllspringPortOps-CorporateActionsTeam@allspring-global.com; devin.parker@westernunion.com; WellsCapPortOps-CorporateActionsTeam@wellsfargo.com	First Class Mail and Email
9126186	Western Union Financial Services, Inc.	525 Market Street Floor 12 San Francisco CA 94105	AllspringPortOps-CorporateActionsTeam@allspring-global.com; devin.parker@westernunion.com; WellsCapPortOps-CorporateActionsTeam@wellsfargo.com	First Class Mail and Email
4665014	Western Union Pension Plan	Attn: Cindy Roelke 7001 E. Belleview Avenue, 10th Floor Denver CO 80237	cindy.roelke@westernunion.com	First Class Mail and Email
4741390	Wolverine Trading, LLC	c/o Battea Class Action Services Attn: Jadranka Bibic 46 Southfield Avenue, Suite 450 Stamford CT 06902	filer@battea.com	First Class Mail and Email
4741689	Wolverine Trading, LLC	Attn: Judy Kula 175 West Jackson Blvd. Suite 340 Chicago IL 60604	jkula@wolve.com	First Class Mail and Email

Exhibit C

Exhibit C
Thirtieth Omnibus Service List
Served as set forth below

ADDRESSID	NAME	ADDRESS	EMAIL	METHOD OF SERVICE
9549112	B.C. Ziegler and Company	Brian Blockovich Chicago Clearing Corporation 404 South Wells Street, Suite 600 Chicago IL 60607	bblockovich@chicagoclearing.com	First Class Mail and Email
4704605	BP Master Trust for Employee Pension Plans	Christine Tammy Babicz - BP 30 S. Wacker Dr, Suite 300 Chicago IL 60606	mark.e.thompson@bp.com; tammy.babicz@bp.com	First Class Mail and Email
4680062	Brighthouse Financial	350 David L Boren Boulevard Suite 2000 Norman OK	scasanalysts@issgovernance.com	First Class Mail and Email
4689029	Brighthouse Financial	350 David L Boren Boulevard Suite 2000 Norman OK 73072	scasanalysts@issgovernance.com	First Class Mail and Email
4674950	Consumers Energy Pension Plan	Consumers Energy Company One Energy Plaza, EP10-419 Jackson MI 49201	heather.wilson@cmsenergy.com	First Class Mail and Email
9361302	IBM Plan Montgomery Core Fixed Income	525 Market Street Floor 12 San Francisco CA 94105	AllspringPortOps-CorporateActionsTeam@allspring-global.com; patricia.glon@fondsdereserve.fr; WellsCapPortOps- CorporateActionsTeam@wellsfargo.com	First Class Mail and Email
4671720	Lucent Technologies Inc. Defined Contribution Plan Master Trust	Lucent Technologies Inc. Defined Contribution Plan Master Trust 600 Mountain Avenue Murray Hill NJ 07974	shannon.matarazzo@nokia.com	First Class Mail and Email
4671789	Lucent Technologies Inc. Master Pension Trust	600 Mountain Avenue, Room 2A-365 Murray Hill NJ 07974	shannon.matarazzo@nokia.com	First Class Mail and Email
4661709	Mason Tenders District Council Annuity Fund	520 8th Avenue, Suite 600 New York NY 10018	agutsin@mtcdtrustfunds.org	First Class Mail and Email
4684523	MUFG Union Bank, N.A. Retirement Plan	350 California Street, 7th Floor San Francisco CA 94104	david.courchaine@unionbank.com	First Class Mail and Email
4690221	NN INVESTMENT PARTNERS - NETHERLANDS	Arvin Estrella ISS - Securities Class Action Services 350 David L. Borden Blvd. Norman OK 73072		First Class Mail
4688235	NN INVESTMENT PARTNERS - NETHERLANDS	P.O. Box 417676 Boston MA 02241-7676	scasanalysts@issgovernance.com	First Class Mail and Email
4677068	Oakland County Employees Retirement System	Oakland County Treasurer's Office 1200 N. Telegraph Rd. Bldg 12E Pontiac MI 48341	nephn@oakgov.com	First Class Mail and Email
9130268	Quad Graphics Pension Plan	525 Market Street Floor 12 San Francisco CA 94105	AllspringPortOps-CorporateActionsTeam@allspring-global.com; WellsCapPortOps-CorporateActionsTeam@wellsfargo.com	First Class Mail and Email
9359529	SEI Institutional Managed Trust (SIMT)	525 Market Street floor 12 San Francisco CA 94105	AllspringPortOps-CorporateActionsTeam@allspring-global.com; dfalkowski@seic.com; nshah@seic.com; rbamford@SEIC.com; sgoodwin@seic.com; WellsCapPortOps- CorporateActionsTeam@wellsfargo.com	First Class Mail and Email

Exhibit C
Thirtieth Omnibus Service List
Served as set forth below

ADDRESSID	NAME	ADDRESS	EMAIL	METHOD OF SERVICE
4749474	State of Idaho Endowment Fund Investment Board	816 W. Bannock St. Suite 301 Boise ID 83702	Email Address on File	First Class Mail and Email
4680654	Tyco Electronics US Master Trust	Brian Egras 1050 Westlakes Drive Berwyn PA 19312	Email Address on File	First Class Mail and Email
4682559	Tyco Electronics US Master Trust	The Northern Trust 50 S. LaSalle St Chicago IL 60603	Email Address on File	First Class Mail and Email

Exhibit D

Exhibit D
Thirty-First Omnibus Service List
Served as set forth below

ADDRESSID	NAME	ADDRESS 1	ADDRESS 2	CITY	STATE	POSTAL CODE	COUNTRY	EMAIL	METHOD OF SERVICE
4673111	Bruce Allen Davis, IRA	3082 Landings Ct.		Haines Cay	FL	33844		Email Address on File	First Class Mail and Email
4682698	Manulife Investment Management	Attn: Mr Sinclair Jacinto	200 Bloor Street East	Toronto	ON	M4W 1 E5	Canada	Sinclair_Jacinto@manulife.com	First Class Mail and Email
4679538	Manulife Investment Management	Attn: Mr Sinclair Jacinto	200 Bloor Street East	Toronto	ON	M4W 1 E5		Sinclair_Jacinto@manulife.com	First Class Mail and Email
4705087	MCCANTY, MARGARET M	8 PRESERVE WAY		SARATOGA SPGS	NY	12866		Email Address on File	First Class Mail and Email
4704652	Nolan, Patsy A.	503 Dogwood Drive		Spring City	TN	37381		Email Address on File	First Class Mail and Email

Exhibit E

Exhibit E
Thirty-Second Omnibus Service List
Served as set forth below

ADDRESS ID	NAME	ADDRESS	CITY	STATE	POSTAL CODE	EMAIL	METHOD OF SERVICE
4629614	Bennett, Cynthia F.	645 Bradford St.	Pasadena	CA	91005	Email Address on File	First Class Mail and Email
4629908	Cynthia F. Bennett Simple IRA	645 Bradford St.	Pasadena	CA	91105		First Class Mail
4048492	Daniel W. Marchand	P.O Box 3839	San Ramon	CA	94583-8839	Email Address on File	First Class Mail and Email
4538860	GUERRIERI, ANTHONY J	133 WESTMONT AVE	HADDONFIELD	NJ	08033-2318	Email Address on File	First Class Mail and Email
4702711	Howit, Linda Gayle	4412 Shadeway Rd	Lakewood	CA	90713	Email Address on File	First Class Mail and Email
4730037	John C. & Betty J Diekmann Tr UA Nov 29, 1991	120 US Hwy 95A East	Yerington	NV	89447	Email Address on File	First Class Mail and Email
4458931	JOHN F HAWKINS & DENISE M HAWKINS JT TEN	22405 IRONGATE ST	WOODHAVEN	MI	48183-3764	Email Address on File	First Class Mail and Email
3969546	Marchand, Daniel W.	P.O. Box 3839	San Ramon	CA	94583-8839	Email Address on File	First Class Mail and Email
4487929	MARUNA, ARTHUR D	7690 NW 55TH AVE	CHIEFLAND	FL	32626-5428		First Class Mail
		Owen Bakkum c/o Valerie Zellmer					
4673709	U/W Dorothy A Bakkum Dorothy A Bakkum Family Trust	3750 Belleza Way	Palmdale	CA	93551	Email Address on File	First Class Mail and Email

Exhibit F

Exhibit F
Thirty-Sixth Omnibus Service List
Served as set forth below

ADDRESSID	NAME	ADDRESS 1	ADDRESS 2	CITY	STATE	POSTAL CODE	EMAIL	METHOD OF SERVICE
4749702	Brackett, Jr., George E.	122 Trafalgar Lane		Cary	NC	27513-5179	Email Address on File	First Class Mail and Email
9561043	Brackett, Jr., George E.	215 Brightmore Drive, Unit #204		Cary	NC	27518		First Class Mail
4706657	E Van Dyke & H. Van Dyke TTEE, The Van Dyke Family Trust	HS&E Van Dyke	3212 Pheasant Run TRL	Murfreesbord	TN	37130-1491	Email Address on File	First Class Mail and Email
22162033	E Van Dyke & H. Van Dyke TTEE, The Van Dyke Family Trust						Email Address on File	Email
7380400	Mark & Susan Trinidad Living Trust	Mark A. Trinidad & Susan E. Trinidad, Trustees	106 NW F St PMB 513	Grants Pass	OR	97625	Email Address on File	First Class Mail and Email
4729851	Mayers, Ada B	3745 S. Wisconsin Ave		Berwyn	IL	60402	Email Address on File	First Class Mail and Email
4687417	Yvonne Nance Hitt, Revocable Trust	365 Hico Rd		Puryear	TN	38251-3968		First Class Mail

Exhibit G

Exhibit G
Thirty- Seventh Omnibus Service List
Served as set forth below

ADDRESSID	NAME	ADDRESS	EMAIL	METHOD OF SERVICE
7145009	4Alphas Capital (SCAS)	SCAS Analysts 350 David L. Boren Blvd. Suite 2000 Norman OK 73072	scasanalysts@issgovernance.com	First Class Mail and Email
18241168	Allspring Core Bond CIT	525 Market Street Floor 12 San Francisco CA 94105	AllspringPortOps-CorporateActionsTeam@allspring-global.com	First Class Mail and Email
18313472	Allspring Core Bond CIT	Hiroshi Saito State Street Corporation Mailstop CCB0555 1 Iron Street Boston MA 02210		First Class Mail
18241171	Allspring Core Bond II CIT	525 Market Street Floor 12 San Francisco CA 94105	AllspringPortOps-CorporateActionsTeam@allspring-global.com	First Class Mail and Email
18313473	Allspring Core Bond II CIT	Hiroshi Saito State Street Corporation US Investment Services Mailstop CCB0555 1 Iron Street Boston MA 02210		First Class Mail
18241163	Allspring Factor Enhanced Large Cap Core CIT	525 Market Street Floor 12 San Francisco CA 94105	AllspringPortOps-CorporateActionsTeam@allspring-global.com	First Class Mail and Email
18313475	Allspring Factor Enhanced Large Cap Core CIT	Hiroshi Saito State Street Corporation US Investment Services Mailstop CCB0555 1 Iron Street Boston MA 02210		First Class Mail
18240161	Allspring Global Long/Short Fund - Long	525 Market Street Floor 12 San Francisco CA 94105	AllspringPortOps-CorporateActionsTeam@allspring-global.com	First Class Mail and Email
18951623	Allspring Mid Cap Value Portfolio	525 Market Street Floor 12 San Francisco CA 94105	AllspringPortOps-CorporateActionsTeam@allspring-global.com	First Class Mail and Email
18959422	Allspring Mid Cap Value Portfolio	Mailstop JAB0341- Attn Derek Hunter State Street 1776 Heritage Drive North Quincy MA 02171		First Class Mail
18240159	Allspring U.S. Long/Short Fund - Long	525 Market Street Floor 12 San Francisco CA 94105	AllspringPortOps-CorporateActionsTeam@allspring-global.com	First Class Mail and Email
9125784	Arizona Life and Disability Insurance Guaranty Fund	525 Market Street Floor 12 San Francisco CA 94105	AllspringPortOps-CorporateActionsTeam@allspring-global.com; Lori.Nestor@difi.az.gov	First Class Mail and Email
7380665	BAE Systems Administrative Committee	BAE Systems 6 Carlton Gardens London SW1Y 5AD United Kingdom	scasanalysts@issgovernance.com	First Class Mail and Email

Exhibit G
Thirty- Seventh Omnibus Service List
Served as set forth below

ADDRESSID	NAME	ADDRESS	EMAIL	METHOD OF SERVICE
4687040	Best Investment Corporation	Han,Jie 20/F, New Poly Plaza, 1 Chaoyangmen North Street Beijing 100010 China	hanjie@china-inv.cn	First Class Mail and Email
4685737	Best Investment Corporation	Yang,Yifeng 12/F, New Poly Plaza 1 Chaoyangmen North Street Beijing 100010 China	yangyf@china-inv.cn; yuanjh@china-inv.cn	First Class Mail and Email
9358237	Boston Retirement Board	525 Market Street floor 12 San Francisco CA 94105	AllspringPortOps-CorporateActionsTeam@allspring-global.com; john.kelly@boston.gov	First Class Mail and Email
9358267	Boston Retirement Board		AllspringPortOps-CorporateActionsTeam@allspring-global.com; john.kelly@boston.gov;	Email
4681173	Brighthouse Financial	350 David L Boren Boulevard Suite 2000 Norman OK 73072	scasanalysts@issgovernance.com	First Class Mail and Email
9357670	Chino CCP Trust	525 Market Street Floor 12 San Francisco CA 94105	AllspringPortOps-CorporateActionsTeam@allspring-global.com; pmallery@fmi.com; WellsCapPortOps-CorporateActionsTeam@wellsfargo.com	First Class Mail and Email
9130180	Deutsch, C. Trust 9/21/93 - Fixed	525 Market Street Floor 12 San Francisco CA 94105	WellsCapPortOps-CorporateActionsTeam@wellsfargo.com	First Class Mail and Email
4660892	Dickey Jr, Du Val F	710 Magdalene Dr Houston TX 77024-2624	Email Address on File	First Class Mail and Email
9379446	Fonds de Reserve pour les Retraites - Credit Focus	Wells Fargo Asset Managemen 525 Market Street Floor 12 San Francisco CA 94105	AllspringPortOps-CorporateActionsTeam@allspring-global.com; patricia.glon@fondsdereserve.fr	First Class Mail and Email
18240248	Global Long Short Equity Fund II, L.P.	525 Market Street Floor 12 San Francisco CA 94105	AllspringPortOps-CorporateActionsTeam@allspring-global.com	First Class Mail and Email
18240253	Global Low Volatility Fund, L.P.	525 Market Street Floor 12 San Francisco CA 94105	AllspringPortOps-CorporateActionsTeam@allspring-global.com	First Class Mail and Email
9361685	Highland Collective Investment Trust	525 Market Street Floor 12 San Francisco CA 94105	AllspringPortOps-CorporateActionsTeam@allspring-global.com ; Hcraig@highlandassoc.com; WellsCapPortOps-CorporateActionsTeam@wellsfargo.com	First Class Mail and Email
9361240	Highland Core Fixed Income Fund	525 Market Street floor 12 San Francisco CA 94105	AllspringPortOps-CorporateActionsTeam@allspring-global.com; Hcraig@highlandassoc.com; WellsCapPortOps-CorporateActionsTeam@wellsfargo.com	First Class Mail and Email
9357505	IBRD Retired Staff Benefits Plan & Trust - Montgomery Core	525 Market Street Floor 12 San Francisco CA 94105	AllspringPortOps-CorporateActionsTeam@allspring-global.com; pidfixedincome@worldbank.org; syan@worldbank.org; twang@worldbank.org; WellsCapPortOps-CorporateActionsTeam@wellsfargo.com	First Class Mail and Email
9361072	IBRD, TTEE For the Staff Retirement Plan and Trust	525 Market Street floor 12 San Francisco CA 94105	AllspringPortOps-CorporateActionsTeam@allspring-global.com; pidfixedincome@worldbank.org; syan@worldbank.org; twang@worldbank.org; WellsCapPortOps-CorporateActionsTeam@wellsfargo.com	First Class Mail and Email
18240238	Kokusai Low Volatility	525 Market Street Floor 12 San Francisco CA 94105	AllspringPortOps-CorporateActionsTeam@allspring-global.com	First Class Mail and Email

Exhibit G
Thirty- Seventh Omnibus Service List
Served as set forth below

ADDRESSID	NAME	ADDRESS	EMAIL	METHOD OF SERVICE
9129725	LCI Ins Ltd Wrnty Resrv 16721 Pledged	525 Market Street Floor 12 San Francisco CA 94105	AllspringPortOps-CorporateActionsTeam@allspring-global.com; Christopher.roberts@lowes.com; WellsCapPortOps-CorporateActionsTeam@wellsfargo.com	First Class Mail and Email
9363803	Mary Miner TTEE FBO the Survivors TR Est Undr the R&M Miner Family Admin Trust Under 1st Amnd/Rstd A	525 Market Street floor 12 San Francisco CA 94105	AllspringPortOps-CorporateActionsTeam@allspring-global.com; rbukstein@rnmproperties.com; WellsCapPortOps-CorporateActionsTeam@wellsfargo.com	First Class Mail and Email
18329832	MEPT - Global Low Vol	525 Market Street Floor 12 San Francisco CA 94105	AllspringPortOps-CorporateActionsTeam@allspring-global.com	First Class Mail and Email
18338159	MEPT - Global Low Vol	Steve Drews 3210 W. Truman Blvd Jefferson City MO 65109		First Class Mail
15600172	NDSIB - Legacy Fund	525 Market Street Floor 12 San Francisco CA 94105	AllspringPortOps-CorporateActionsTeam@allspring-global.com	First Class Mail and Email
20814341	NDSIB - Legacy Fund	Rolnick Kramer Sadighi LLP, Attn: Richard A. Bodnar 1251 Avenue of the Americas New York NY 10020	cdeleon@rksllp.com; lrolnick@rksllp.com; mkramer@rksllp.com; rbodnar@rksllp.com	First Class Mail and Email
16304232	NDSIB - Legacy Fund	ND Retirement & Investment Office 1600 E. Century Avenue, Suite 3 P.O. Box 7100 Bismarck MD 58507-7100	rkskor@nd.gov	First Class Mail and Email
4675726	NNIP	350 David L. Boren Blvd. Suite 2000 Norman OK 73072	scasanalysts@issgovernance.com	First Class Mail and Email
9125808	North Dakota State Investment Board - Insurance Trust	525 Market Street Floor 12 San Francisco CA 94105	AllspringPortOps-CorporateActionsTeam@allspring-global.com; rkskor@nd.gov; WellsCapPortOps-CorporateActionsTeam@wellsfargo.com	First Class Mail and Email
20814339	North Dakota State Investment Board - Insurance Trust	Rolnick Kramer Sadighi LLP, Attn: Richard A. Bodnar 1251 Avenue of the Americas New York NY 10020	cdeleon@rksllp.com; lrolnick@rksllp.com; mkramer@rksllp.com; rbodnar@rksllp.com	First Class Mail and Email
4685650	Nuance	350 David L. Boren Blvd. Suite 2000 Norman OK 73072	scasanalysts@issgovernance.com	First Class Mail and Email
4685374	Nuance Investments (SCAS)	350 David L. Boren Blvd. Suite 2000 Norman OK 73072	scasanalysts@issgovernance.com	First Class Mail and Email
4688433	Nuance Investments (SCAS)	c/o ISS - SCAS 350 David L. Boren Blvd. Suite 2000 Norman OK 73072	scasanalysts@issgovernance.com	First Class Mail and Email
4684844	Nuance Investments (SCAS)	PO Box 417676 Boston MA 02241 7676	scasanalysts@issgovernance.com	First Class Mail and Email
18241174	Principal/Multi-Manager Liability Driven Solution CIT III	525 Market Street Floor 12 San Francisco CA 94105	AllspringPortOps-CorporateActionsTeam@allspring-global.com	First Class Mail and Email

Exhibit G
Thirty- Seventh Omnibus Service List
Served as set forth below

ADDRESSID	NAME	ADDRESS	EMAIL	METHOD OF SERVICE
18313474	Principal/Multi-Manager Liability Driven Solution CIT III	Hiroshi Saito State Street Corporation US Investment Services Mailstop CCB0555 1 Iron Street Boston MA 02210		First Class Mail
9129574	REI Credit - Taxable	525 Market Street Floor 12 San Francisco CA 94105	AllspringPortOps-CorporateActionsTeam@allspring-global.com; prossi@rei.com	First Class Mail and Email
9361794	Safeway Inc.	525 Market Street floor 12 San Francisco CA 94105	AllspringPortOps-CorporateActionsTeam@allspring-global.com; brian.dooley@albertsons.com; WellsCapPortOps-CorporateActionsTeam@wellsfargo.com	First Class Mail and Email
18939460	SEI Global Master Fund plc-Global Managed Volatility Fund	525 Market Street Floor 12 San Francisco CA 94105	AllspringPortOps-CorporateActionsTeam@allspring-global.com	First Class Mail and Email
18947293	SEI Global Master Fund plc-Global Managed Volatility Fund	Attn: Investment Product Solutions Team / Investment Management Unit 1 Freedom Valley Drive Oaks PA 19456		First Class Mail
18939509	SEI Institutional Investments Trust-Global Managed Volatility Fund	525 Market Street Floor 12 San Francisco CA 94105	AllspringPortOps-CorporateActionsTeam@allspring-global.com	First Class Mail and Email
18947294	SEI Institutional Investments Trust-Global Managed Volatility Fund	Attn: Investment Product Solutions Team / Investment Management Unit 1 Freedom Valley Drive Oaks PA 19456		First Class Mail
18939512	SEI Institutional Investments Trust-US Managed Volatility Fund	525 Market Street Floor 12 San Francisco CA 94105	AllspringPortOps-CorporateActionsTeam@allspring-global.com	First Class Mail and Email
18947295	SEI Institutional Investments Trust-US Managed Volatility Fund	Attn: Investment Product Solutions Team / Investment Management Unit 1 Freedom Valley Drive Oaks PA 19456		First Class Mail
18939515	SEI Institutional Managed Trust-Global Managed Volatility Fund	525 Market Street Floor 12 San Francisco CA 94105	AllspringPortOps-CorporateActionsTeam@allspring-global.com	First Class Mail and Email
18944846	SEI Institutional Managed Trust-Global Managed Volatility Fund	Attn: Investment Product Solutions Team / Investment Management Unit 1 Freedom Valley Drive Oaks PA 19456		First Class Mail
18939518	SEI Institutional Managed Trust-US Managed Volatility Fund	525 Market Street Floor 12 San Francisco CA 94105	AllspringPortOps-CorporateActionsTeam@allspring-global.com	First Class Mail and Email

Exhibit G
Thirty- Seventh Omnibus Service List
Served as set forth below

ADDRESSID	NAME	ADDRESS	EMAIL	METHOD OF SERVICE
18947296	SEI Institutional Managed Trust-US Managed Volatility Fund	Attn: Investment Product Solutions Team / Investment Management Unit 1 Freedom Valley Drive Oaks PA 19456		First Class Mail
4694160	Simpkins, Philip	126 Whitethorne Drive Moraga CA 94556	Email Address on File	First Class Mail and Email
15600161	Stet Short Dur Muni	525 Market Street Floor 12 San Francisco CA 94105	AllspringPortOps-CorporateActionsTeam@allspring-global.com	First Class Mail and Email
16304238	Stet Short Dur Muni	1 Freedom Valley Dr. Oaks PA 19456	dfalkowski@seic.com	First Class Mail and Email
18240251	U.S. Low Volatility Fund, L.P	525 Market Street Floor 12 San Francisco CA 94105	AllspringPortOps-CorporateActionsTeam@allspring-global.com	First Class Mail and Email
9125742	Vera Bradley Designs	525 Market Street Floor 12 San Francisco CA 94105	abohren@verabradley.com; AllspringPortOps-CorporateActionsTeam@allspring-global.com	First Class Mail and Email
5088333	Von Buchau, Erik & Rose	396 Bryce Canyon Rd San Rafael CA 94903-2226		First Class Mail
9125793	Wasatch Advisors, Inc.	525 Market Street Floor 12 San Francisco CA 94105	AllspringPortOps-CorporateActionsTeam@allspring-global.com; myeates@wasatchglobal.com; WellsCapPortOps-CorporateActionsTeam@wellsfargo.com	First Class Mail and Email
4682021	Wells Capital	350 David L. Boren Blvd. Suite 2000 Norman OK 73072	scasanalysts@issgovernance.com	First Class Mail and Email
4686438	Wells Capital Management	SCAS Analysts 350 David L Boren Blvd. Norman OK 73072	scasanalysts@issgovernance.com	First Class Mail and Email
18240233	WF (LUX) Worldwide Fund - Global Low Volatility Equity Fund	525 Market Street Floor 12 San Francisco CA 94105	AllspringPortOps-CorporateActionsTeam@allspring-global.com	First Class Mail and Email